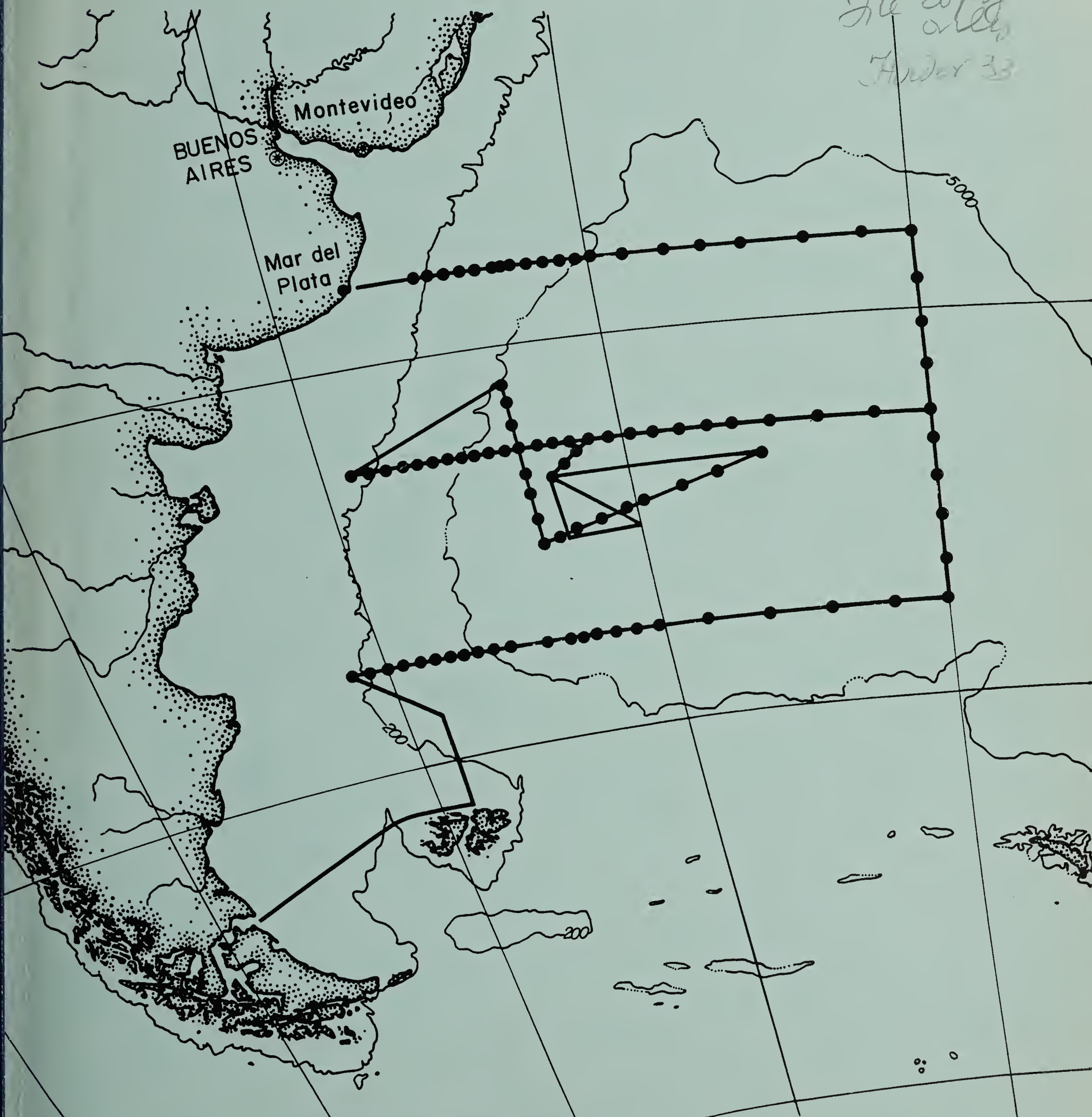


ATLANTIS II CRUISE 107 LEG III CTD & HYDROGRAPHIC DATA

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of COLUMBIA UNIVERSITY
1982

ATLANTIS II

Cruise 107-3

December 1979 - January 1980

Hydrographic Stations 1-96

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Technical Report

L-DGO 82-2

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Introduction

During the period December 10, 1979 to January 10, 1980, CTD/ O_2 , nutrient, XBT and continuous surface water data were collected in the Argentine Basin on leg 3 of R/V ATLANTIS II cruise 107. These data were collected in an effort to characterize the the Falkland-Brazil Confluence region in the western South Atlantic and to study in detail the horizontal and vertical thermohaline fine structure associated with the Confluence.

Three east-west sections from the continental shelf to $45^\circ W$ (along 38° , 42° , and $46^\circ S$) and one section along $45^\circ W$ from $38^\circ S$ to $46^\circ S$ comprise the regional survey. A more detailed survey consisting of 125 XBT's and a series of CTD yo-yo stations was made across the confluence front, near the center of the large array (Fig. 1). The data set includes 96 CTD- O_2 / Rosette stations and 250 T-7 XBTs.

This report presents the CTD/ O_2 and nutrient data collected in tabular and graphical form.

Data Collection

Data was acquired with two WHOI/NBIS CTD- O_2 systems provided and maintained at sea by arrangement with the Woods Hole Oceanographic Institution. Hydrographic stations were occupied approximately every 30 n.m. For stations one through four, CTD #7 was used; CTD #3 was used for the remaining casts. The CTD- O_2 /Rosette package was lowered at a nominal rate of 60 decibars/min. At the design sample rate of 31.25 HZ, this yields a nominal sampling of 1 data scan every .032 decibars. Only data from the downtrace was fully processed, as the instrument package was stopped for water sampling on the uptrace. When a bottle sample was taken, the associated CTD scan was

flagged in the digital record for later comparison with the measured bottle parameters. Water samples were obtained with a General Oceanics 24-bottle Rosette Sampler (1.2 ℓ) attached to the CTD frame. Sea surface temperature, salinity and air temperature were recorded continuously along the track and XBT's were launched at intervals of 15 to 30 n.m.

Two Hewlett-Packard computer systems on the ship were used in CTD data acquisition and preliminary processing. The final data reduction, done at Lamont-Doherty Geological Observatory, consisted of: 1) flagging obviously noisy points in the raw data, 2) application of the calibration constants obtained by bottle comparisons and 3) decimating this raw, flagged data into a uniform pressure series at 1 decibar intervals by interpolating within a 9 scan window approximately centered about the desired n^{th} decibar level.

Pressure and temperature calibration data was obtained from two to three reversing thermometer frames attached to bottles on the rosette sampler. Salinity determinations were done on board with a Guildline AutoSal Salinometer (model 8400). Wormley water batches P78 (Sta. 1-11), and P83 (Sta. 12-96) were used for a standardization for each station's run of 24 samples. Determination of dissolved oxygen concentration was by a modified Winkler titration. Nutrient samples were analyzed for silicate, phosphate, nitrate and nitrite with an auto-analyzer provided by Oregon State University.

Data Processing Methods

Calibration

Pre- and post-cruise laboratory calibrations served as a basis for standardizing the CTD derived data. Comparisons of the CTD data to pressure, temperature and conductivity derived from the rosette samples were used to adjust the calibrations for pressure effects.

The mismatch of response time between the temperature and the conductivity sensors was partially compensated for by applying a correction based on the algorithm of Fofonoff et al. (1974):

$$\hat{T} = T + \frac{1}{N} \sum_{N=1}^9 \tau \left(\frac{dT}{dt} \right)_{n=3}$$

where \hat{T} = corrected temperature

T = CTD temperature

τ = estimate of temperature sensor time constant

$\left(\frac{dT}{dt} \right)_{n=3}$ = least-squares estimate of local temperature gradient
over 3 scans.

The time constants (τ = .20 sec. for CTD #3, .18 sec. for CTD #7) were determined by choosing the value which best minimized spiking in salinity and also minimized local non-linearities in T vs. conductivity plots.

Pressure

Of 258 thermometric pressures obtained during the cruise, 222 were deemed suitable for calibration purposes. A second order correction with respect to pressure was derived by least-square fit to the (Rosette-CTD) values, with a resultant standard deviation about the curve of 5.7 decibars. Points not included have a ΔP greater than 1.5 times the standard deviation. This correction was applied uniformly to stations 5-96.

Temperature

Of 285 thermometric temperatures obtained during the cruise, 253 were used for calibration. A first order correction with respect to pressure was derived by a least-squares fit to the (Rosette-CTD) values, with a resultant

standard deviation about the curve of $.013^{\circ}\text{C}$. Points not included have a ΔT greater than 1.5 times the standard deviation. This correction was applied uniformly to stations 5-96.

Conductivity

Adjustments to the CTD conductivity laboratory calibration were based on comparisons with conductivity computed from the Rosette salinities. Calibrated CTD pressure and temperature were used in the calculation of Rosette conductivity. Of 1903 salinity samples processed, 1648 were used in deriving a second order polynomial fit of ΔC to CTD pressure (1901 points were below 1500 decibars). Figure 2 shows the resulting residual distribution of $\Delta C = (\text{ROSETTE } C - \text{CTD } C)$. In addition to the depth dependent correction (applied uniformly to all stations), each station was individually biased to best match its bottle samples.

Oxygen

Due to strong hysteresis in the oxygen signal, it was necessary to utilize downtrace oxygen values extracted from the raw data listings to calibrate the CTD downtraces. A correction proportional to pressure was applied for the upper water column from the surface to an inflection point at depth (variable), with a constant shift applied from this point down. This shift was applied individually to best match each station's bottle values. The residuals are displayed in Figure 3.

DATA REPORT PRESENTATION

Tabular and graphical presentations are given for each station. The tabular form is composed of station header information, CTD listings at standard levels, and bottle listings. Two plots are presented for every station: 1) a vertical distribution of temperature, salinity and oxygen, and 2) distributions of potential temperature vs. salinity and potential temperature vs. oxygen. The bottle data is graphically presented in two forms: 1) θ vs. Property Plots - All Data, and 2) θ/S and θ/O_2 plots grouped by oceanic regime.

DATA LISTING FORMAT

Header Information

1. Ship code: AT (Atlantis II)
2. Cruise and station number
3. Position of the station (degrees, minutes and tenths) obtained from a satellite fix taken during the station.
4. Starting time: GMT in hours and minutes
5. Date: Year/month/day
6. Wind speed in Kts.
7. Sonic depth to the bottom at the beginning of the station corrected according to Matthews (1939).

CTD Data and Derived Data

DE - in meters computed from pressure according to the polynomial of Saunders and Fofonoff (1976) and considering dynamic height anomaly.

TE - in situ temperature in degrees centigrade.

PT - Potential temperature according to Bryden (1973) in degrees centigrade

SA - Salinity, determined via procedure outlined by Fofonoff et al.
(1974)

OX - Dissolved oxygen concentration (ml/l)

ST - Sigma-T: Anomaly of density kg/m^3 , Knudsen (1901)

SO - Sigma-0: Anomaly of Potential density kg/m^3 relative to surface,
after Ekman (1908)

S1 - Sigma-1: Anomaly of Potential density kg/m^3 relative to 1000
decibars

S2 - Sigma-2: Anomaly of Potential density kg/m^3 relative to 2000
decibars

S3 - Sigma-3: Anomaly of Potential density kg/m^3 relative to 3000
decibars

S4 - Sigma-4: Anomaly of Potential density kg/m^3 relative to 4000
decibars

AN - Anomaly of the specific volume $\times 10^5$ (cm^3/g), Ekman (1908)

HZ - Dynamic Height anomaly in dynamic meters

BV - Brunt-Vaisala frequency in cycles per hour, gradients estimated
using the following levels:

10 meters between 0 and 100 meters

20 meters between 100 and 400 meters

50 meters between 400 and the maximum depth reached by the station

PR - CTD pressure in decibars

NOTE: When value = -9. the data is not available.

Bottle Data

All CTD data was extracted from the raw tape, by flagging a scan when a bottle was tripped.

DE - CTD corrected depth computed from CTD pressure (PR)

TE - CTD corrected temperature (from CTD uptrace)

PT - CTD potential temperature, computed from PR, TE and
bottle salinity

SA - Bottle salinity derived from autosal measurements

OX - Bottle dissolved oxygen concentration (ml/l)

SIL - Silicate ($\mu\text{gm-at/l}$)

PO4 - Phosphate ($\mu\text{gm-at/l}$)

N3 - Nitrate ($\mu\text{gm-at/l}$)

N2 - Nitrite ($\mu\text{gm-at/l}$)

ST - Sigma-T: Anomaly of density computed from DE, TE and SA

S0 - Sigma-0: Anomaly of potential density from DE, TE and SA

S2 - Sigma-2: Anomaly of potential density relative to 2000 meters

S4 - Sigma-4: Anomaly of potential density relative to 4000 meters

PR - CTD pressure db.

FLAG- Alpha-numeric indicator denoting the quality of the data.

B - bad data

D - doubtful data

Numeric data codes:

	1	2	3*	4	5	6	7	8*	9*
	SA	OX	OX	PO4	N3	SIL	N2	PR	TE
	bot.	bot.	CTD					(Bot)	(Bot)
*	not listed								

Nitrite has not been flagged. Blanks in the bottle listing indicate missing data due to bottle failure or samples lost during processing.

PLOT FORMATS

Vertical distributions were plotted on two scales:

Shallow stations - 0/2000 db. 200 db/tickmark

Deep stations - 0/6000 db. 500 db/tickmark

Discrete bottle data is also plotted with the vertical distributions.

CTD Data

TE - is plotted every 2 decibars and smoothed over 3 points.

SA - same as temperature

OX - is plotted every 5 points and smoothed over 10 points

Bottle Data

TE dot size = $.1^{\circ}\text{C}$ --- $\pm .05^{\circ}\text{C}$

SA dot size = $.01^{\circ}/\text{‰}$ --- $\pm .005^{\circ}/\text{‰}$

OX dot size = $.05 \text{ ml/l}$ --- $\pm .025 \text{ ml/l}$

Bottle data is also presented as Θ vs. property plots (all data) using the same scales as the CTD data plots.

Group Plots

Five sets of plots are presented; each set was constructed to represent one of the five major oceanic regimes surveyed. Each set consists of a Θ vs. S and Θ vs. O_2 plot; the salinity and oxygen data were derived from the rosette bottle data set, and Θ was computed from CTD pressure and temperature, and bottle salinity.

Station composition of the groups:

GROUP 1: Sta. 2 3 39 40 41 42 43 44 45 56 57 58 86 87 88 89 90 91 92 93
94 95 96 (coastal regime)

GROUP 2: Sta. 7 8 9 10 11 12 13 14 15 16 17 (northern section of Brazil Current)

GROUP 3: Sta. 18 19 20 21 22 26 27 28 29 30 31 32 33 34 35 36 37 77 78 79
80 81 82 83 84, also 58 59 60 61 62 63 64 65 66 67 68 69

(active mesoscale region)

GROUP 4: Sta. 4 5 6 38 49 50 51 52 53 54 55 56 57 (transition or frontal
zone)

GROUP 5: Sta. 23 24 25 70 71 72 73 74 75 76 (South Atlantic Central
Water)

ACKNOWLEDGEMENTS

Support for this work was provided by the National Science Foundation grant OCE 78-23860 to Columbia University (A. L. Gordon, principal investigator). We gratefully acknowledge the cooperation of the Servicio de Hidrografia Naval (Argentina), and the Captain and crew of the Atlantis II.

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We appreciate the help of Silvia Guerrero (LDGO) and Juan Carlos Storniolo (SHN) in the reduction of the data.

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LIST OF PERSONNEL

Bianchi, Alejandro	Night watch stander/ SHN
Gordon, Arnold L.	Chief Scientist/ LDGO
Guerrero, Raul	Night water stander/ SHN/CONICET
Huber, Bruce A.	Day watch stander/ LDGO
Jacobs, Stanley	Salinity, data quality control/ LDGO
Jennings, Joseph	Nutrients/ OSU
Dickenson, Wayne	Nutrients/ OSU
McDevitt, Robert	CTD, day watch stander/ WHOI
Metcalf, Gerry	24 hour oxygen man/ WHOI
Parker, Dennis	Electronic technician/ WHOI
Rennie, Sarah	Day watch stander/ LDGO
Szelag, Jan	Night watch stander/ LDGO and WHOI
Szelag, Patricia	Biology technician/ LDGO

LDGO	Lamont Doherty Geological Observatory (USA)
SHN	Servicio de Hidrografia Naval (Argentina)
WHOI	Woods Hole Oceanographic Institution (USA)
CONICET	Consejo Nac. de Investig. cientificas y Tecnicas (Argentina)
OSU	Oregon State University (USA)
URI	University of Rhode Island (USA)

NOTES AND ERRATA

- A. Wind speed units were knots, not ms^{-1} .
- B. The following are comments pertaining to individual stations.

Station #

4	CTD oxygen = 1.00 - indicates oxygen sensor failed
5	Bottle oxygen at 1849 db is BAD
6	Bottle data at 147 db is doubtful
8	Wind = 999 should be 16
14	No CTD oxygen data 0 - 260 m Oxygen sensor failed
15	Wind = 999 should be 29
20	Bottle data at 3203 db is doubtful
23	Bottle data at 4426 db is doubtful
28	Bottle data at 4913 db is doubtful
	Cor. depth is less than bottom CTD depth. Cor. depth should be 5513.
30	Bottle data at 4904 db is doubtful
33	Cor. depth is less than bottom CTD depth. Cor. depth should be 5646.
35	Bottle data at 4914 db is doubtful. Cor. depth is less than bottom CTD.
	Cor. depth should be 5624.
37	Bottle data at 4916 db is doubtful
43	Wind = 999 Should be 15
6602	Wind = 999 Should be 2
69	Wind = 999 Should be 7

- 81 Cor. depth is less than bottom CTD depth.
Cor. depth should be 6054.
- 83 Date should be 80/1/4.
- 91 Cor. depth is less than bottom CTD depth.
Cor. depth should be 3422.
- 96 Wind = 999 Should be 29

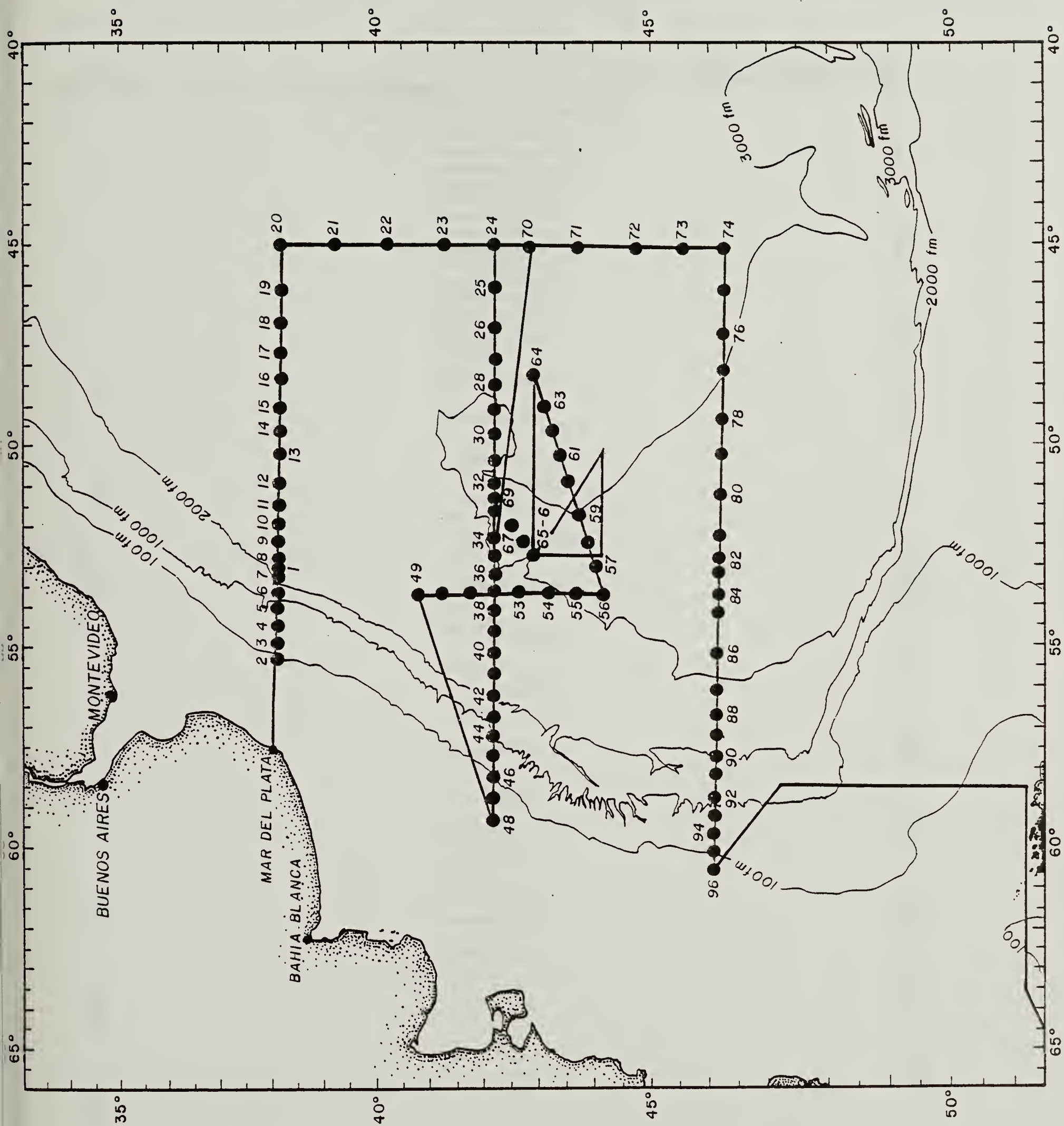


Figure 1

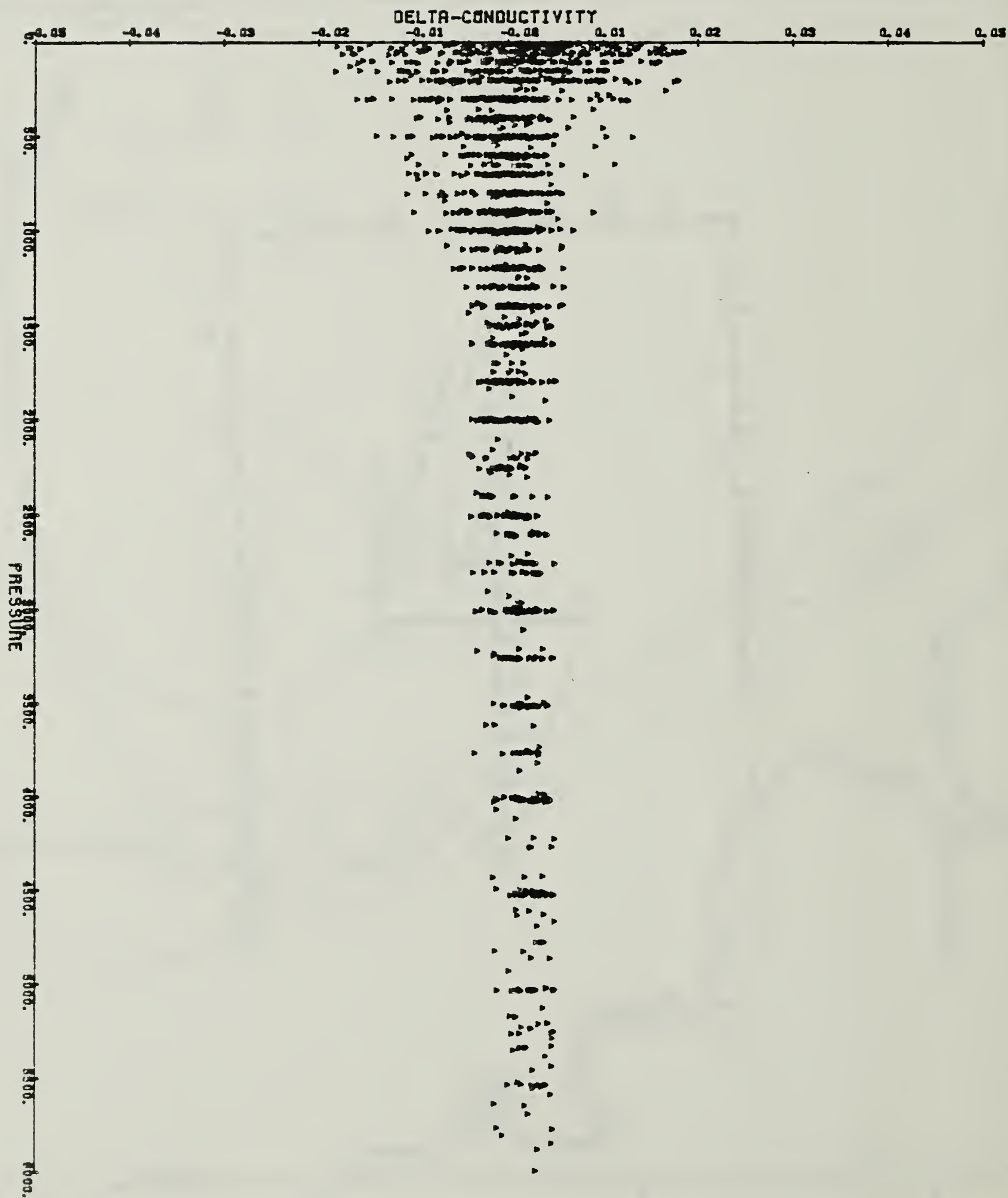


Figure 2

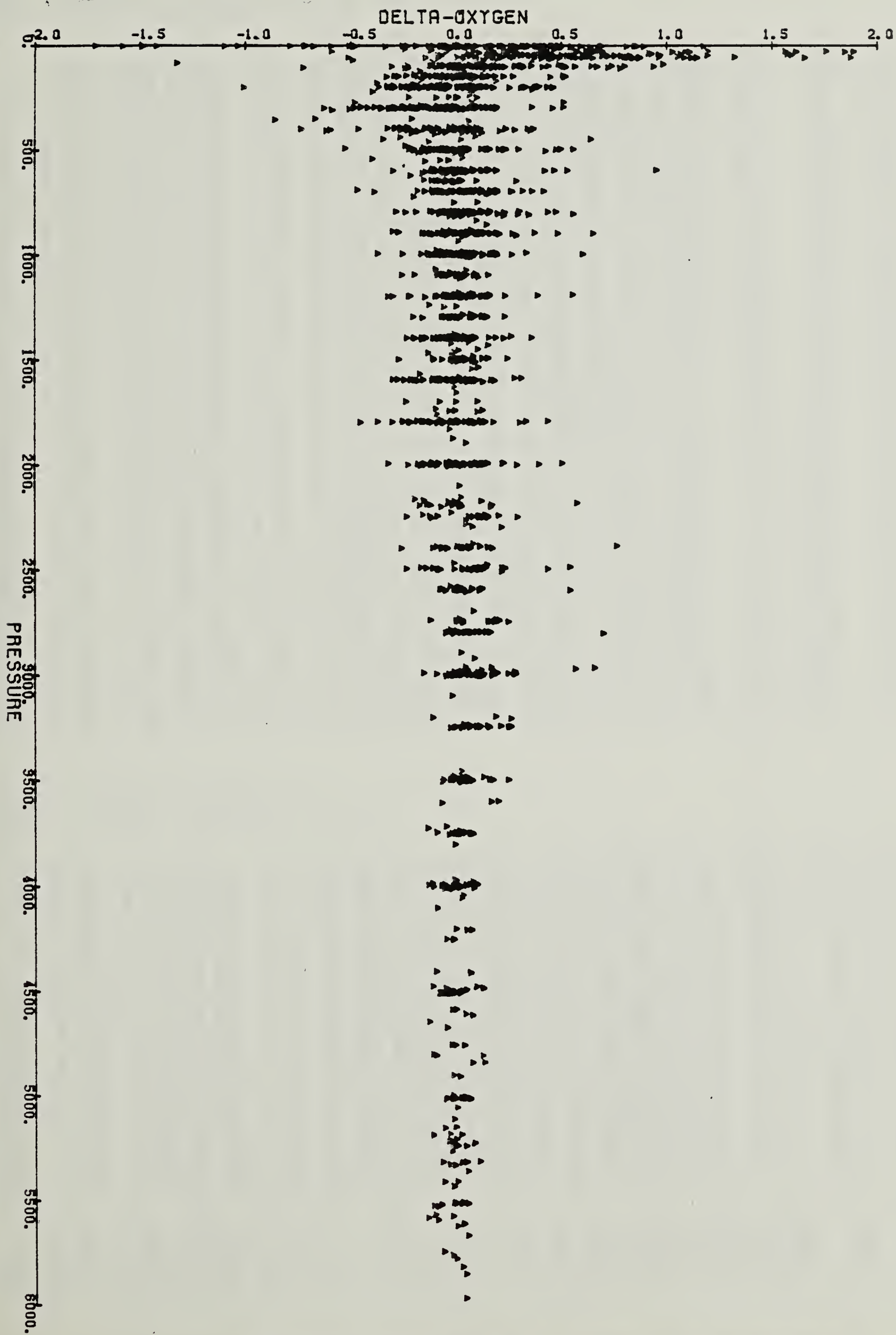


Figure 3

SHIP AT CRUISE 107 STATION 1
START 38 5.71 S 52 58.67 W AT 1427 79/12/11
WIND = 23M/S COR. DEPTH = 3800M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	19.808	19.808	34.207	5.90	24.226	24.226	28.519	32.711	36.806	40.812	370.2	0.000	0.000	0
10	19.773	19.771	34.216	5.37	24.242	24.242	28.536	32.728	36.825	40.830	369.1	0.037	2.262	10.1
20	19.842	19.838	36.277	5.30	25.793	25.794	30.073	34.253	38.337	42.329	221.8	0.067	22.091	20.1
30	19.769	19.763	36.283	5.32	25.817	25.818	30.099	34.280	38.364	42.358	219.9	0.089	2.776	30.2
40	19.646	19.639	36.269	5.26	25.838	25.840	30.123	34.305	38.392	42.387	218.2	0.111	2.630	40.2
50	19.179	19.170	36.190	5.29	25.900	25.903	30.193	34.383	38.477	42.480	212.7	0.132	4.432	50.3
60	18.946	18.935	36.159	5.28	25.936	25.939	30.234	34.427	38.525	42.531	209.6	0.153	3.396	60.3
70	18.557	18.545	36.111	5.25	25.999	26.002	30.303	34.503	38.607	42.619	204.0	0.174	4.456	70.4
80	18.448	18.433	36.105	5.22	26.022	26.026	30.328	34.531	38.636	42.650	202.1	0.194	2.733	80.4
90	18.201	18.185	36.080	5.19	26.065	26.068	30.376	34.582	38.691	42.709	198.4	0.214	3.681	90.5
100	17.899	17.882	36.060	5.13	26.124	26.128	30.441	34.651	38.766	42.788	193.1	0.234	4.349	100.6
120	17.488	17.467	35.999	5.12	26.179	26.184	30.503	34.721	38.843	42.872	188.5	0.272	2.973	120.7
140	17.035	17.012	35.939	5.21	26.242	26.248	30.576	34.801	38.930	42.966	183.1	0.309	3.191	140.8
160	16.376	16.350	35.832	5.25	26.316	26.322	30.662	34.899	39.039	43.086	176.7	0.345	3.445	161.0
180	15.850	15.821	35.743	5.18	26.369	26.376	30.725	34.972	39.122	43.178	172.1	0.380	2.955	181.1
200	15.418	15.386	35.647	5.19	26.394	26.401	30.759	35.014	39.171	43.235	170.2	0.414	2.047	201.2
220	15.016	14.982	35.587	5.16	26.437	26.444	30.810	35.073	39.237	43.308	166.7	0.448	2.654	221.4
240	14.673	14.636	35.527	5.12	26.466	26.474	30.847	35.116	39.287	43.363	164.3	0.481	2.228	241.5
260	14.529	14.490	35.527	5.18	26.498	26.506	30.881	35.153	39.326	43.405	161.9	0.514	2.258	261.6
280	14.028	13.987	35.435	5.23	26.534	26.543	30.928	35.210	39.392	43.480	158.8	0.546	2.485	281.8
300	13.509	13.466	35.346	5.21	26.574	26.583	30.979	35.270	39.463	43.560	155.4	0.577	2.598	301.9
320	12.922	12.877	35.242	5.18	26.613	26.622	31.030	35.334	39.537	43.645	151.9	0.608	2.593	322.1
340	12.097	12.052	35.089	5.15	26.657	26.666	31.091	35.412	39.631	43.756	147.8	0.638	2.780	342.2
360	11.464	11.418	34.996	5.10	26.705	26.713	31.153	35.486	39.719	43.855	143.4	0.667	2.874	362.4
380	10.243	10.198	34.788	5.15	26.763	26.771	31.238	35.597	39.855	44.016	137.5	0.695	3.254	382.5
400	7.254	7.216	34.225	5.70	26.794	26.800	31.339	35.768	40.092	44.317	132.5	0.722	2.993	402.7
450	6.686	6.644	34.269	5.97	26.907	26.912	31.465	35.907	40.244	44.481	122.1	0.786	2.721	453.2
500	5.909	5.866	34.216	5.94	26.966	26.971	31.543	36.005	40.360	44.615	116.4	0.845	2.071	503.6
550	6.463	6.413	34.372	5.35	27.018	27.024	31.581	36.029	40.370	44.611	112.9	0.903	1.680	554.0
600	5.821	5.768	34.302	5.50	27.045	27.051	31.625	36.088	40.445	44.701	110.1	0.958	1.517	604.5
650	5.286	5.231	34.247	5.66	27.067	27.074	31.661	36.138	40.508	44.776	107.9	1.013	1.393	655.0
700	4.766	4.710	34.201	5.86	27.090	27.096	31.698	36.188	40.571	44.852	105.4	1.066	1.416	705.5
750	4.526	4.467	34.195	5.96	27.112	27.118	31.727	36.222	40.612	44.898	103.5	1.118	1.294	756.0
800	4.455	4.393	34.221	5.83	27.141	27.147	31.757	36.255	40.646	44.934	101.1	1.170	1.377	806.5
900	4.071	4.003	34.237	5.50	27.194	27.201	31.821	36.329	40.728	45.026	96.3	1.268	1.127	907.5
1000	3.654	3.581	34.256	5.38	27.251	27.259	31.890	36.408	40.818	45.125	90.8	1.361	1.452	1008.7
1100	3.228	3.150	34.264	5.36	27.299	27.306	31.949	36.478	40.899	45.217	86.0	1.450	1.277	1109.8
1200	3.163	3.077	34.332	5.16	27.359	27.367	32.011	36.542	40.965	45.283	80.9	1.533	1.441	1211.1
1300	2.907	2.816	34.358	5.09	27.403	27.411	32.063	36.600	41.029	45.354	76.6	1.612	1.247	1312.4
1400	2.872	2.772	34.396	4.91	27.437	27.445	32.098	36.636	41.066	45.392	74.0	1.687	1.021	1413.7
1500	2.884	2.776	34.458	4.78	27.485	27.493	32.146	36.684	41.113	45.438	70.2	1.759	1.201	1515.1
1600	3.007	2.889	34.534	4.73	27.535	27.545	32.193	36.727	41.153	45.475	66.7	1.827	1.095	1616.5
1700	3.030	2.903	34.591	4.76	27.578	27.589	32.236	36.770	41.194	45.515	63.5	1.893	1.158	1718.0
1800	3.246	3.107	34.674	4.87	27.624	27.637	32.278	36.805	41.224	45.539	60.9	1.955	1.031	1819.5
1900	3.259	3.110	34.717	4.95	27.656	27.670	32.310	36.837	41.256	45.571	58.7	2.014	0.917	1921.1
2000	3.269	3.110	34.757	5.12	27.688	27.703	32.342	36.869	41.287	45.602	56.5	2.072	0.821	2022.8
2100	3.419	3.248	34.816	5.31	27.720	27.737	32.372	36.895	41.309	45.620	55.1	2.128	0.869	2124.5
2200	3.434	3.254	34.852	5.48	27.747	27.763	32.400	36.922	41.336	45.646	53.4	2.182	0.862	2226.2
2300	3.355	3.166	34.862	5.58	27.763	27.781	32.418	36.943	41.359	45.671	52.3	2.235	0.882	2328.0
2400	3.273	3.075	34.872	5.64	27.779	27.798	32.438	36.964	41.383	45.697	51.1	2.286	0.855	2429.8
2500	3.208	3.001	34.877	5.72	27.789	27.808	32.450	36.979	41.399	45.715	50.5	2.337	0.712	2531.7
2600	3.086	2.871	34.871	5.69	27.796	27.816	32.461	36.993	41.417	45.736	49.8	2.387	0.696	2633.7
2700	2.945	2.723	34.862	5.62	27.801	27.821	32.471	37.007	41.435	45.758	49.1	2.437	0.678	2735.7
2800	2.912	2.593	34.956	5.59	27.809	27.829	32.483	37.023	41.454	45.780	48.1	2.485	0.748	2837.7
2855	2.721	2.487	34.847	5.55	27.810	27.830	32.486	37.029	41.462	45.792	47.7	2.512	0.946	2893.9

SHIP AT CRUISE 107 STATION 2
START 37 56.70 S 54 57.45 W AT 330 79/12/12
WIND = 17M/S COR. DEPTH = 448M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.055	14.055	33.717	6.68	25.204	25.204	29.599	33.891	38.083	42.181	277.2	0.000	0.000	0
10	12.836	12.835	33.727	6.97	25.459	25.459	29.879	34.193	38.408	42.526	253.2	0.027	8.949	10.1
20	8.797	8.795	33.814	8.33	26.242	26.243	30.748	35.145	39.438	43.633	178.9	0.048	15.701	20.1
30	8.062	8.059	33.816	7.88	26.356	26.356	30.878	35.291	39.601	43.811	168.3	0.065	5.982	30.2
40	7.638	7.634	33.832	7.21	26.430	26.431	30.963	35.386	39.704	43.923	161.3	0.082	4.854	40.2
50	7.467	7.462	33.840	7.07	26.461	26.462	30.998	35.424	39.747	43.969	158.5	0.098	3.121	50.3
60	6.654	6.649	33.823	6.76	26.560	26.561	31.117	35.563	39.903	44.143	149.2	0.113	5.610	60.4
70	6.229	6.223	33.854	6.60	26.640	26.641	31.207	35.663	40.013	44.261	141.7	0.128	5.032	70.4
80	6.040	6.034	33.874	6.58	26.679	26.680	31.251	35.711	40.065	44.318	138.1	0.142	3.522	80.5
90	5.843	5.835	33.908	6.59	26.731	26.732	31.307	35.772	40.130	44.388	133.3	0.155	4.043	90.5
100	5.871	5.863	33.932	6.52	26.747	26.748	31.322	35.786	40.143	44.400	131.9	0.169	2.215	100.6
120	5.783	5.774	33.935	6.47	26.760	26.761	31.338	35.804	40.164	44.422	130.9	0.195	1.473	120.8
140	5.660	5.649	33.951	6.49	26.788	26.789	31.369	35.837	40.200	44.461	128.5	0.221	2.105	140.9
160	5.683	5.670	33.967	6.46	26.798	26.799	31.378	35.846	40.208	44.468	127.8	0.247	1.246	161.0
180	5.406	5.392	33.999	6.49	26.856	26.858	31.444	35.918	40.287	44.553	122.4	0.272	3.066	181.2
200	5.188	5.172	34.049	6.47	26.922	26.924	31.515	35.994	40.367	44.638	116.3	0.295	3.234	201.3
220	5.031	5.014	34.083	6.46	26.966	26.968	31.563	36.046	40.423	44.698	112.3	0.318	2.668	221.4
240	4.856	4.837	34.099	6.51	26.999	27.001	31.600	36.088	40.469	44.747	109.3	0.340	2.304	241.6
260	4.739	4.719	34.109	6.55	27.020	27.023	31.625	36.115	40.498	44.780	107.4	0.362	1.862	261.7
280	4.662	4.641	34.115	6.57	27.034	27.036	31.640	36.133	40.518	44.801	106.3	0.384	1.487	281.9
300	4.608	4.585	34.120	6.61	27.044	27.046	31.652	36.145	40.532	44.816	105.6	0.405	1.271	302.1
320	4.495	4.472	34.119	6.62	27.055	27.058	31.666	36.163	40.552	44.839	104.6	0.426	1.398	322.2
340	4.451	4.426	34.121	6.60	27.062	27.065	31.675	36.172	40.563	44.851	104.1	0.447	1.091	342.4
360	4.430	4.403	34.124	6.61	27.066	27.069	31.680	36.178	40.569	44.857	103.9	0.467	0.856	362.5
380	4.414	4.385	34.124	6.63	27.068	27.071	31.682	36.180	40.572	44.861	103.9	0.488	0.531	382.7
400	4.393	4.363	34.126	6.64	27.072	27.075	31.687	36.186	40.578	44.867	103.7	0.509	0.838	402.8
425	4.367	4.336	34.122	6.66	27.072	27.075	31.687	36.187	40.580	44.870	103.9	0.536	0.067	428.9
DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
2	14.122	14.121	33.721	6.55	1.0	0.12	0.10	0.06	25.193	25.193	33.878	42.165	3.	
31	8.156	8.153	33.815	7.66	1.5	0.62	5.10	0.12	26.341	26.342	35.273	43.788	31.	
100	5.863	5.855	33.925	6.63	4.0	1.47	17.30	0.22	26.742	26.743	35.782	44.396	101.	
296	4.672	4.649	34.122	6.73	9.5	1.64	22.80	0.11	27.038	27.041	36.137	44.804	299.	
409	4.391	4.361	34.131	6.52	12.8	1.72	24.00	0.13	27.076	27.079	36.190	44.871	413.	

SHIP AT CRUISE 107 STATION 3
START 37 58.45 S 54 40.55 W AT 636 79/12/12
WIND = 20M/S COR. DEPTH = 728M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.017	16.017	34.345	5.53	25.258	25.258	29.613	33.866	38.021	42.082	272.0	0.000	0.000	0
10	15.781	15.779	34.339	6.08	25.307	25.307	29.667	33.924	38.083	42.148	267.6	0.027	3.936	10.1
20	13.887	13.884	34.234	6.25	25.653	25.653	30.049	34.340	38.532	42.629	235.0	0.052	10.430	20.1
30	9.870	9.866	33.976	7.09	26.195	26.195	30.675	35.048	39.318	43.490	183.6	0.073	13.072	30.2
40	8.282	8.278	33.988	6.94	26.438	26.439	30.974	35.381	39.685	43.889	158.8	0.090	9.111	40.2
50	7.330	7.325	33.939	6.65	26.559	26.559	31.098	35.527	39.851	44.076	149.3	0.106	5.655	50.3
60	7.731	7.726	34.080	6.30	26.612	26.613	31.141	35.559	39.874	44.089	144.5	0.120	4.062	60.3
70	7.087	7.080	34.061	6.33	26.689	26.690	31.233	35.667	39.995	44.225	137.2	0.134	4.946	70.4
80	6.877	6.869	34.097	6.22	26.746	26.747	31.295	35.733	40.066	44.300	132.0	0.148	4.240	80.5
90	5.894	5.886	33.999	6.38	26.797	26.798	31.371	35.834	40.190	44.446	127.1	0.161	4.091	90.5
100	5.596	5.588	33.975	6.45	26.814	26.815	31.396	35.866	40.230	44.492	125.5	0.173	2.385	100.6
120	5.444	5.434	34.032	6.42	26.878	26.879	31.463	35.936	40.303	44.569	119.7	0.198	3.166	120.7
140	5.542	5.531	34.106	6.38	26.925	26.926	31.507	35.978	40.342	44.604	115.5	0.221	2.711	140.9
160	5.256	5.243	34.092	6.46	26.947	26.949	31.538	36.015	40.386	44.656	113.5	0.244	1.942	161.0
180	5.122	5.108	34.113	6.58	26.980	26.981	31.574	36.054	40.428	44.700	110.6	0.267	2.275	181.2
200	4.971	4.956	34.107	6.67	26.993	26.994	31.591	36.075	40.453	44.728	109.5	0.289	1.471	201.3
220	4.997	4.980	34.126	6.80	27.004	27.006	31.602	36.086	40.462	44.737	108.7	0.311	1.356	221.4
240	5.026	5.007	34.157	6.80	27.026	27.028	31.623	36.105	40.482	44.756	106.9	0.332	1.840	241.6
260	4.898	4.878	34.155	6.74	27.039	27.042	31.639	36.125	40.505	44.782	105.7	0.353	1.493	261.7
280	4.771	4.750	34.156	6.77	27.054	27.057	31.658	36.147	40.529	44.809	104.5	0.374	1.574	281.9
300	4.678	4.655	34.150	6.78	27.060	27.063	31.666	36.158	40.543	44.825	104.1	0.395	1.036	302.1
320	4.634	4.609	34.154	6.76	27.068	27.071	31.675	36.168	40.554	44.837	103.5	0.416	1.139	322.2
340	4.591	4.566	34.153	6.73	27.072	27.075	31.681	36.175	40.561	44.846	103.3	0.437	0.837	342.4
360	4.566	4.539	34.159	6.72	27.079	27.082	31.688	36.183	40.571	44.856	102.8	0.457	1.091	362.5
380	4.546	4.517	34.163	6.70	27.085	27.088	31.695	36.190	40.578	44.863	102.4	0.478	0.969	382.7
400	4.502	4.472	34.163	6.72	27.090	27.093	31.701	36.197	40.586	44.873	102.1	0.498	0.935	402.9
450	4.377	4.344	34.166	6.66	27.105	27.109	31.721	36.220	40.612	44.902	101.0	0.549	1.045	453.3
500	4.235	4.198	34.163	6.69	27.118	27.122	31.737	36.240	40.636	44.929	100.1	0.599	0.959	503.7
550	4.063	4.023	34.162	6.65	27.135	27.140	31.760	36.267	40.668	44.965	98.7	0.649	1.126	554.2
600	3.839	3.796	34.162	6.55	27.158	27.163	31.789	36.302	40.708	45.010	96.7	0.698	1.289	604.7
650	3.612	3.566	34.187	6.32	27.200	27.205	31.837	36.356	40.767	45.075	92.8	0.745	1.698	655.1
700	3.347	3.300	34.207	6.00	27.242	27.247	31.886	36.412	40.830	45.144	88.8	0.791	1.708	705.6
711	3.302	3.253	34.211	5.91	27.250	27.254	31.895	36.422	40.841	45.156	88.1	0.800	1.535	716.8

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
13	15.726	15.724	34.334	6.09	1.6	0.25	0.10	0.06	25.315	25.316	33.934	42.160	14.	
53	8.071	8.066	34.083	6.31	1.8	1.00	11.10	0.28	26.564	26.565	35.496	44.011	54.	
106	5.596	5.587	33.986	6.58	5.2	1.54	19.00	0.25	26.823	26.824	35.875	44.501	107.	
201	5.014	4.999	34.111	6.71	7.8	1.61	21.80	0.33	26.991	26.993	36.071	44.722	203.	
299	4.705	4.683	34.156	6.76	9.3	1.63	22.60	0.08	27.061	27.064	36.158	44.823	302.	
396	4.528	4.498	34.171	6.69	10.6	1.65	23.30	0.08	27.093	27.096	36.199	44.873	400.	
494	4.270	4.233	34.165	6.69	12.1	1.68	24.00	0.07	27.116	27.120	36.237	44.924	499.	
596	3.864	3.821	34.161	6.52	15.4	1.79	25.30	0.07	27.155	27.159	36.298	45.004	602.	
594	3.870	3.827	34.164	6.53	16.1	1.80	25.70	0.07	27.157	27.161	36.299	45.006	600.	
699	3.338	3.290	34.210	5.86	28.1	2.02	29.00	0.07	27.245	27.250	36.416	45.148	706.	
699	3.336	3.288	34.210	5.87	27.3	2.00	28.70	0.06	27.246	27.250	36.416	45.149	706.	

SHIP AT CRUISE 107 STATION 4
START 37 59.15 S 54 25.80 W AT 935 79/12/12
WIND = 15M/S COR. DEPTH = 1245M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.921	14.921	33.904	1.00	25.163	25.163	29.541	33.816	37.992	42.074	281.0	0.000	0.000	0
10	14.649	14.648	34.047	1.00	25.332	25.332	29.714	33.993	38.173	42.258	265.3	0.027	7.277	10.1
20	14.158	14.156	34.200	1.00	25.554	25.554	29.945	34.232	38.419	42.512	244.4	0.053	8.361	20.1
30	11.197	11.193	34.137	1.00	26.087	26.088	30.538	34.882	39.124	43.271	193.9	0.075	12.958	30.2
40	9.355	9.351	34.184	1.00	26.442	26.442	30.932	35.314	39.593	43.775	160.4	0.092	10.574	40.2
50	9.535	9.530	34.476	1.00	26.640	26.641	31.125	35.501	39.775	43.950	141.8	0.108	7.896	50.3
60	9.970	9.963	34.631	1.00	26.688	26.689	31.162	35.528	39.792	43.958	137.5	0.122	3.849	60.3
70	9.903	9.895	34.656	1.00	26.719	26.720	31.194	35.562	39.826	43.993	134.8	0.135	3.122	70.4
80	9.315	9.306	34.547	1.00	26.732	26.734	31.222	35.602	39.880	44.059	133.6	0.149	2.127	80.5
90	8.481	8.472	34.452	1.00	26.790	26.792	31.299	35.699	39.995	44.192	128.2	0.162	4.332	90.5
100	7.878	7.868	34.339	1.00	26.794	26.795	31.318	35.731	40.041	44.251	127.9	0.174	1.204	100.6
120	6.854	6.843	34.229	1.00	26.852	26.854	31.402	35.840	40.172	44.405	122.5	0.199	3.104	120.7
140	5.528	5.516	34.082	1.00	26.907	26.909	31.491	35.962	40.326	44.590	117.1	0.223	3.056	140.9
160	6.003	5.990	34.182	1.00	26.927	26.929	31.498	35.957	40.310	44.561	115.7	0.247	1.689	161.0
180	5.875	5.860	34.188	1.00	26.948	26.950	31.523	35.984	40.340	44.595	113.9	0.270	1.833	181.2
200	5.484	5.468	34.153	1.00	26.968	26.970	31.553	36.025	40.390	44.653	112.1	0.292	1.875	201.3
220	5.219	5.202	34.136	1.00	26.987	26.989	31.578	36.057	40.428	44.698	110.4	0.315	1.767	221.4
240	5.261	5.242	34.165	1.00	27.005	27.007	31.595	36.072	40.443	44.712	109.0	0.336	1.679	241.6
260	4.979	4.959	34.146	1.00	27.023	27.025	31.621	36.105	40.482	44.758	107.3	0.358	1.767	261.7
280	4.782	4.761	34.146	1.00	27.045	27.047	31.648	36.137	40.519	44.800	105.3	0.379	1.923	281.9
300	4.839	4.816	34.174	1.00	27.061	27.064	31.663	36.150	40.531	44.809	104.1	0.400	1.570	302.1
320	4.691	4.667	34.167	1.00	27.072	27.075	31.678	36.169	40.553	44.835	103.2	0.421	1.384	322.2
340	4.572	4.546	34.162	1.00	27.081	27.084	31.690	36.185	40.572	44.857	102.4	0.442	1.283	342.4
360	4.521	4.494	34.159	1.00	27.085	27.087	31.695	36.191	40.579	44.865	102.2	0.462	0.781	362.5
380	4.491	4.462	34.160	1.00	27.088	27.092	31.700	36.196	40.586	44.873	102.0	0.482	0.826	382.7
400	4.456	4.426	34.164	1.00	27.095	27.098	31.708	36.205	40.595	44.883	101.6	0.503	1.058	402.8
450	4.380	4.346	34.166	1.00	27.105	27.109	31.720	36.220	40.612	44.901	101.0	0.554	0.839	453.3
500	4.270	4.233	34.165	1.00	27.116	27.120	31.734	36.237	40.631	44.924	100.4	0.604	0.883	503.7
550	4.164	4.123	34.161	1.00	27.124	27.128	31.746	36.251	40.648	44.943	99.9	0.654	0.798	554.2
600	4.021	3.977	34.163	1.00	27.140	27.143	31.766	36.275	40.676	44.974	98.6	0.704	1.088	604.6
650	3.933	3.886	34.167	1.00	27.153	27.158	31.781	36.293	40.696	44.996	97.7	0.753	0.946	655.1
700	3.739	3.689	34.177	1.00	27.180	27.185	31.814	36.330	40.738	45.043	95.3	0.801	1.392	70

SHIP AT CRUISE 107 STATION 5
START 37 59.82 S 53 55.61 W AT 1300 79/12/12
WIND = 15M/S COR. DEPTH = 1904M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.031	16.031	34.198	6.22	25.142	25.142	29.498	33.751	37.907	41.969	283.0	0.000	0.000	- .0
10	15.262	15.261	34.147	6.32	25.275	25.276	29.646	33.913	38.082	42.156	270.6	0.028	6.461	10.1
20	12.306	12.303	34.113	7.12	25.861	25.861	30.289	34.611	38.832	42.958	215.2	0.052	13.570	20.1
30	9.654	9.651	33.960	8.31	26.218	26.218	30.703	35.080	39.355	43.532	181.4	0.072	10.613	30.2
40	9.887	9.882	34.313	7.60	26.454	26.455	30.932	35.302	39.569	43.739	159.3	0.089	8.609	40.2
50	9.272	9.266	34.330	6.93	26.570	26.571	31.061	35.444	39.724	43.906	148.4	0.104	6.049	50.3
60	6.667	6.662	33.934	7.00	26.646	26.646	31.201	35.645	39.984	44.224	141.1	0.119	4.978	60.3
70	6.114	6.108	33.902	6.83	26.692	26.693	31.262	35.720	40.072	44.323	136.7	0.133	3.869	70.4
80	6.016	6.009	33.905	6.63	26.707	26.708	31.279	35.739	40.093	44.347	135.4	0.146	2.180	80.5
90	5.954	5.947	33.910	6.41	26.719	26.720	31.293	35.754	40.110	44.365	134.4	0.160	1.950	90.5
100	5.939	5.931	33.942	6.48	26.747	26.748	31.320	35.782	40.138	44.393	132.0	0.173	2.942	100.6
120	5.625	5.615	33.945	6.47	26.787	26.788	31.369	35.838	40.202	44.464	128.3	0.199	2.556	120.7
140	6.197	6.185	34.082	6.25	26.824	26.825	31.390	35.845	40.194	44.442	125.3	0.224	2.330	140.9
160	7.097	7.082	34.286	5.98	26.864	26.866	31.407	35.840	40.167	44.394	122.1	0.249	2.410	161.0
180	6.567	6.551	34.221	5.88	26.885	26.887	31.442	35.887	40.227	44.466	120.1	0.273	1.935	181.2
200	6.086	6.069	34.174	6.06	26.911	26.913	31.480	35.937	40.288	44.538	117.8	0.297	2.098	201.3
220	6.063	6.044	34.192	6.07	26.928	26.930	31.498	35.955	40.307	44.557	116.4	0.321	1.657	221.4
240	5.388	5.368	34.120	6.27	26.954	26.957	31.542	36.016	40.384	44.650	113.8	0.344	2.180	241.6
260	5.619	5.597	34.188	6.17	26.980	26.982	31.561	36.030	40.391	44.652	111.8	0.366	1.941	261.7
280	5.495	5.472	34.190	6.22	26.997	27.000	31.582	36.053	40.418	44.681	110.3	0.389	1.694	281.9
300	5.289	5.264	34.182	6.22	27.015	27.018	31.605	36.082	40.452	44.719	108.7	0.410	1.755	302.0
320	5.056	5.030	34.159	6.37	27.024	27.027	31.621	36.103	40.479	44.752	107.9	0.432	1.312	322.2
340	4.900	4.874	34.146	6.49	27.032	27.035	31.632	36.119	40.498	44.775	107.3	0.453	1.191	342.4
360	4.909	4.881	34.160	6.44	27.042	27.045	31.643	36.129	40.508	44.785	106.6	0.475	1.271	362.5
380	4.926	4.897	34.173	6.41	27.050	27.053	31.650	36.136	40.514	44.791	106.1	0.496	1.120	382.7
400	4.788	4.757	34.164	6.40	27.059	27.062	31.663	36.152	40.534	44.814	105.3	0.517	1.283	402.8
450	4.652	4.617	34.182	6.41	27.088	27.092	31.696	36.188	40.574	44.857	103.0	0.569	1.388	453.3
500	4.367	4.330	34.175	6.41	27.113	27.117	31.729	36.229	40.621	44.911	100.7	0.620	1.355	503.7
550	4.192	4.151	34.163	6.43	27.123	27.127	31.744	36.248	40.645	44.939	100.1	0.670	877	554.2
600	4.179	4.135	34.188	6.22	27.144	27.149	31.765	36.270	40.667	44.961	98.5	0.720	1.163	604.6
650	4.011	3.963	34.184	6.18	27.158	27.163	31.785	36.294	40.695	44.993	97.3	0.769	1.052	655.1
700	3.716	3.666	34.173	6.19	27.179	27.184	31.814	36.330	40.739	45.045	95.3	0.817	1.281	705.6
750	3.656	3.603	34.190	6.03	27.199	27.204	31.835	36.353	40.764	45.070	93.8	0.865	1.141	756.1
800	3.510	3.454	34.191	5.98	27.214	27.219	31.855	36.377	40.791	45.101	92.4	0.911	1.084	806.6
900	3.187	3.125	34.219	5.70	27.267	27.273	31.916	36.447	40.869	45.187	87.5	1.001	1.386	907.7
1000	2.943	2.875	34.268	5.35	27.328	27.334	31.985	36.521	40.949	45.274	81.9	1.086	1.528	1008.8
1100	2.857	2.782	34.319	4.99	27.377	27.383	32.036	36.575	41.005	45.331	77.7	1.166	1.217	1109.9
1200	2.752	2.670	34.387	4.63	27.440	27.447	32.102	36.644	41.076	45.404	72.1	1.241	1.401	1211.2
1300	2.705	2.615	34.441	4.37	27.487	27.495	32.151	36.694	41.127	45.456	68.2	1.310	1.075	1312.4
1400	2.727	2.629	34.485	4.28	27.520	27.529	32.184	36.726	41.159	45.487	65.8	1.377	1.015	1413.8
1500	2.796	2.689	34.541	4.20	27.559	27.569	32.222	36.761	41.192	45.519	63.1	1.442	1.101	1515.1
1600	2.868	2.752	34.602	4.24	27.601	27.612	32.263	36.800	41.229	45.553	60.1	1.503	1.074	1616.6
1700	3.165	3.036	34.733	4.50	27.679	27.691	32.333	36.861	41.282	45.599	54.8	1.561	1.593	1718.1
1800	3.197	3.058	34.782	4.77	27.714	27.727	32.369	36.896	41.316	45.631	52.4	1.615	925	1819.6
1878	3.206	3.060	34.809	4.92	27.735	27.749	32.389	36.917	41.336	45.652	51.1	1.655	722	1899.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	16.130	16.130	34.226	6.03	1.8	0.24	0.10	0.00	25.141	25.141	33.747	41.960	0.	
13	14.406	14.404	34.121	6.48	1.4	0.19	0.10	0.00	25.441	25.441	34.110	42.383	14.	
35	8.385	8.381	33.952	7.15	1.4	0.60	5.80	0.10	26.414	26.414	35.333	43.837	36.	
66	7.351	7.345	34.099	6.40	3.0	1.28	14.80	0.21	26.681	26.682	35.646	44.192	67.	
96	6.925	6.917	34.169	6.32	4.3	1.40	17.30	0.21	26.796	26.797	35.780	44.343	97.	
174	5.928	5.913	34.156	6.31	6.6	1.56	20.60	0.18	26.916	26.918	35.950	44.559	176.	
294	5.026	5.003	34.150	6.55	8.9	1.61	22.40	0.24	27.020	27.023	36.101	44.751	297.	
399	4.801	4.770	34.189	6.51	10.5	1.65	23.30	0.01	27.077	27.080	36.169	44.830	403.	
492	4.381	4.344	34.176	6.51	12.5	1.71	24.10	0.00	27.113	27.117	36.228	44.909	497.	
591	4.221	4.177	34.201	6.23	16.1	1.82	25.80	0.00	27.150	27.154	36.273	44.963	596.	
691	3.888	3.838	34.190	6.16	18.7	1.88	26.80	0.00	27.176	27.181	36.318	45.023	697.	
784	3.536	3.481	34.193	6.00	23.5	1.96	28.10	0.00	27.213	27.218	36.374	45.097	791.	
886	3.192	3.131	34.228	5.70	31.1	2.07	29.70	0.00	27.274	27.279	36.453	45.193	896.	
987	2.951	2.884	34.269	5.32	38.0	2.17	31.30	0.00	27.328	27.334	36.521	45.273	997.	
1084	2.857	2.783	34.326	5.04	45.5	2.23	32.20	0.00	27.382	27.389	36.580	45.336	1096.	
1184	2.771	2.690	34.333	4.97	46.5	2.24	32.30	0.00	27.395	27.402	36.599	45.359	1197.	B1
1284	2.706	2.618	34.446	4.45	60.1	2.32	33.50	0.00	27.491	27.499	36.697	45.459	1298.	
1381	2.728	2.632	34.484	4.43	61.9	2.28	33.40	0.00	27.520	27.528	36.725	45.486	1396.	
1480	2.753	2.649	34.533	4.28	62.6	2.28	32.80	0.00	27.556	27.566	36.761	45.520	1497.	
1569	2.874	2.760	34.598	4.33	61.1	2.19	31.90	0.00	27.597	27.608	36.796	45.548	1588.	
1572	2.875	2.761	34.600	4.29	60.9	2.21	32.00	0.00	27.599	27.609	36.797	45.550	1591.	
1771	3.205	3.069	34.782	4.85	47.7	1.89	27.40	0.00	27.714	27.726	36.895	45.629	1792.	
1871	3.182	3.037	34.797	4.85	47.0	1.84	26.60	0.00	27.728	27.741	36.911	45.647	1894.	

SHIP AT CRUISE 107 STATION 6
START 38 4.68 S 53 29.09 W AT 1728 79/12/12
WIND = 23M/S COR. DEPTH = 3210M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.386	17.386	33.787	5.37	24.511	24.511	28.846	33.079	37.215	41.258	343.1	0.000	0.000	- .0
10	17.020	17.018	34.042	5.59	24.793	24.793	29.133	33.371	37.511	41.558	316.6	.033	9.387	10.1
20	14.174	14.171	34.035	6.12	25.424	25.424	29.816	34.103	38.291	42.385	256.8	.062	14.090	20.1
30	12.434	12.430	33.895	6.57	25.667	25.668	30.094	34.415	38.636	42.761	233.9	.086	8.758	30.2
40	11.550	11.545	33.902	6.72	25.840	25.841	30.285	34.624	38.861	43.002	217.7	.109	7.384	40.2
50	10.310	10.304	33.912	6.92	26.070	26.071	30.541	34.905	39.167	43.332	196.0	.129	8.519	50.3
60	9.307	9.300	33.935	6.82	26.255	26.256	30.749	35.134	39.416	43.600	178.5	.148	7.653	60.3
70	9.726	9.718	34.176	6.44	26.375	26.376	30.858	35.232	39.504	43.678	167.4	.165	6.119	70.4
80	9.398	9.389	34.239	5.94	26.478	26.479	30.968	35.348	39.627	43.807	157.8	.182	5.701	80.5
90	9.440	9.430	34.325	5.69	26.538	26.540	31.027	35.406	39.683	43.862	152.3	.197	4.354	90.5
100	9.169	9.158	34.346	5.60	26.598	26.600	31.093	35.478	39.760	43.944	146.7	.212	4.373	100.6
120	9.356	9.342	34.548	5.11	26.726	26.728	31.215	35.595	39.872	44.051	135.0	.240	4.470	120.7
140	8.064	8.050	34.408	5.18	26.820	26.822	31.340	35.749	40.054	44.260	126.2	.266	3.913	140.9
160	6.668	6.653	34.207	5.51	26.861	26.863	31.415	35.858	40.196	44.433	122.2	.291	2.685	161.0
180	6.221	6.205	34.155	5.77	26.878	26.880	31.445	35.898	40.246	44.493	120.7	.316	1.748	181.1
200	5.999	5.982	34.136	5.71	26.891	26.894	31.463	35.923	40.276	44.528	119.6	.340	1.497	201.3
220	5.419	5.401	34.097	5.98	26.933	26.935	31.519	35.993	40.360	44.626	115.7	.363	2.636	221.4
240	5.326	5.306	34.112	6.10	26.955	26.957	31.544	36.020	40.390	44.657	113.7	.386	1.909	241.6
260	5.199	5.178	34.109	6.19	26.968	26.970	31.561	36.040	40.412	44.683	112.7	.409	1.466	261.7
280	5.039	5.017	34.119	6.33	26.994	26.997	31.591	36.074	40.450	44.724	110.3	.431	2.070	281.9
300	4.976	4.953	34.128	6.43	27.009	27.011	31.607	36.092	40.470	44.745	109.1	.453	1.553	302.1
320	4.918	4.893	34.132	6.39	27.019	27.021	31.619	36.105	40.484	44.761	108.4	.475	1.275	322.2
340	4.876	4.850	34.135	6.38	27.026	27.029	31.627	36.114	40.494	44.772	107.9	.496	1.103	342.4
360	4.826	4.798	34.143	6.44	27.038	27.041	31.641	36.129	40.510	44.789	106.9	.518	1.389	362.5
380	4.784	4.755	34.151	6.41	27.049	27.052	31.653	36.142	40.525	44.805	106.0	.539	1.373	382.7
400	4.746	4.715	34.163	6.39	27.063	27.066	31.668	36.158	40.541	44.822	104.9	.560	1.492	402.9
450	4.576	4.542	34.179	6.25	27.094	27.098	31.704	36.198	40.586	44.870	102.3	.612	1.443	453.3
500	4.327	4.289	34.161	6.38	27.107	27.111	31.724	36.225	40.618	44.909	101.3	.663	1.019	503.8
550	4.232	4.191	34.166	6.36	27.121	27.125	31.741	36.244	40.640	44.933	100.3	.713	.987	554.2
600	4.115	4.071	34.164	6.35	27.131	27.136	31.755	36.261	40.660	44.956	99.6	.763	.896	604.7
650	3.993	3.946	34.163	6.34	27.143	27.148	31.770	36.280	40.682	44.981	98.7	.813	.944	655.2
700	3.913	3.862	34.176	6.21	27.162	27.167	31.791	36.303	40.707	45.008	97.3	.862	1.125	705.7
750	3.783	3.729	34.184	6.11	27.181	27.187	31.815	36.330	40.737	45.041	95.6	.910	1.181	756.2
800	3.616	3.559	34.191	5.99	27.203	27.209	31.841	36.361	40.772	45.080	93.6	.957	1.271	806.7
900	3.285	3.223	34.212	5.77	27.252	27.258	31.899	36.427	40.847	45.163	89.1	1.049	1.236	907.8
1000	3.055	2.986	34.239	5.55	27.295	27.301	31.949	36.483	40.908	45.230	85.3	1.136	1.205	1008.9
1100	2.913	2.838	34.290	5.21	27.348	27.355	32.006	36.544	40.973	45.298	80.5	1.219	1.355	1110.1
1200	2.831	2.748	34.334	4.91	27.391	27.398	32.051	36.591	41.022	45.348	77.0	1.297	1.104	1211.3
1300	2.766	2.676	34.379	4.65	27.432	27.440	32.095	36.636	41.069	45.397	73.5	1.373	1.308	1312.6
1400	2.841	2.742	34.464	4.34	27.494	27.503	32.155	36.694	41.124	45.449	68.6	1.444	1.482	1413.9
1482	2.890	2.784	34.512	4.25	27.528	27.537	32.188	36.725	41.154	45.478	66.2	1.499	1.119	1497.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	17.358	17.358	33.799	6.16	1.9	0.14	0.10	0.00	24.527	24.527	33.096	41.276	0.	
25	12.952	12.948	33.896	7.15	0.8	0.08	0.10	0.01	25.566	25.567	34.294	42.621	26.	D45
54	10.086	10.080	33.916	7.41	0.6	0.21	1.40	0.04	26.111	26.112	34.956	43.391	55.	D45
99	9.053	9.042	34.299	5.51	4.0	1.23	15.40	0.36	26.581	26.582	35.466	43.938	101.	B89
147	10.069	10.052	34.854	4.89	7.2	1.22	16.60	0.10	26.845	26.848	35.680	44.103	148.	
200	6.696	6.678	34.298	5.88	6.9	1.32	20.90	0.11	26.928	26.931	35.923	44.496	202.	
296	4.950	4.927	34.134	6.61	8.0	1.60	22.50	0.03	27.016	27.019	36.101	44.755	299.	
413	4.827	4.795	34.201	6.35	10.2	1.67	23.80	0.02	27.084	27.087	36.174	44.834	417.	
505	4.315	4.277	34.167	6.55	12.0	1.70	24.20	0.01	27.113	27.117	36.231	44.916	510.	
596	4.108	4.064	34.165	6.50	13.4	1.75	25.00	0.01	27.133	27.138	36.263	44.958	602.	
694	3.909	3.859	34.180	6.25	16.9	1.84	26.30	0.01	27.165	27.171	36.307	45.012	701.	
806	3.590	3.533	34.194	5.98	21.9	1.94	28.00	0.01	27.208	27.214	36.367	45.088	814.	
804	3.594	3.537	34.195	5.98	21.6	1.94	27.90	0.01	27.209	27.214	36.367	45.088	812.	
892	3.328	3.266	34.213	5.77	26.8	2.03	29.30	0.01	27.249	27.255	36.422	45.155	901.	
890	3.336	3.274	34.214	5.77	26.7	2.03	29.20	0.01	27.249	27.255	36.421	45.154	899.	
997	3.057	2.989	34.244	5.50	33.2	2.09	30.50	0.01	27.299	27.305	36.486	45.233	1008.	
997	3.058	2.989	34.243	5.50	33.4	2.10	30.50	0.02	27.298	27.304	36.485	45.232	1007.	
1091	2.917	2.842	34.288	5.14	39.7	2.19	31.70	0.01	27.347	27.353	36.542	45.295	1103.	
1091	2.917	2.842	34.287	5.21	38.1	2.12	31.00	0.02	27.346	27.352	36.541	45.295	1103.	
1267	2.786	2.698	34.365	4.69	51.5	2.27	32.90	0.02	27.420	27.427	36.622	45.382	1281.	
1273	2.784	2.696	34.372	4.70	51.7	2.29	32.90	0.03	27.425	27.433	36.628	45.388	1287.	
1436	2.821	2.720	34.483	4.30	57.9	2.29	33.20	0.02	27.511	27.520	36.711	45.468	1452.	
1445	2.882	2.779	34.494	4.30	54.9	2.24	32.50	0.01	27.514	27.523	36.712	45.465	1462.	

SHIP AT CRUISE 107 STATION 7
START 38 5.59 S 53 81 W AT 2116 79/12/12
WIND = 20M/S COR. DEPTH = 3801M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	21.088	21.088	35.664	4.33	24.992	24.992	29.256	33.421	37.490	41.468	297.3	0.000	0.000	- .0
10	20.974	20.972	35.737	4.88	25.078	25.079	29.345	33.510	37.581	41.560	289.4	.029	5.213	10.1
20	20.518	20.514	35.905	5.07	25.330	25.331	29.602	33.773	37.850	41.835	265.9	.057	8.893	20.1
30	19.166	19.161	36.132	5.18	25.859	25.860	30.151	34.342	38.436	42.439	215.9	.081	12.904	30.2
40	18.915	18.908	36.098	5.23	25.898	25.900	30.195	34.390	38.488	42.495	212.5	.103	3.537	40.2
50	18.683	18.674	36.058	5.21	25.927	25.929	30.228	34.427	38.529	42.540	210.1	.124	3.032	50.3
60	18.379	18.369	36.012	5.17	25.968	25.971	30.276	34.479	38.586	42.601	206.5	.145	2.637	60.3
70	18.334	18.321	36.070	5.04	26.024	26.027	30.332	34.536	38.644	42.659	201.6	.165	4.204	70.4
80	18.344	18.330	36.149	4.99	26.082	26.085	30.389	34.593	38.700	42.715	196.5	.185	4.266	80.5
90	18.277	18.261	36.171	4.92	26.115	26.119	30.424	34.628	38.736	42.752	193.7	.204	3.254	90.5
100	18.062	18.044	36.143	4.93	26.148	26.152	30.461	34.669	38.780	42.799	190.9	.224	3.236	100.6
120	17.279	17.259	35.987	4.92	26.220	26.225	30.548	34.770	38.894	42.926	184.6	.261	3.420	120.7
140	16.875	16.852	35.912	4.90	26.259	26.265	30.596	34.824	38.955	42.994	181.4	.298	2.534	140.8
160	16.453	16.426	35.837	5.05	26.302	26.308	30.647	34.883	39.022	43.068	177.9	.334	2.640	161.0
180	16.319	16.290	35.849	4.90	26.342	26.349	30.690	34.928	39.069	43.117	174.8	.369	2.540	181.1
200	16.020	15.988	35.810	4.93	26.382	26.389	30.736	34.979	39.125	43.178	171.6	.404	2.539	201.2
220	15.705	15.670	35.763	4.95	26.418	26.426	30.778	35.028	39.179	43.238	168.7	.438	2.441	221.4
240	15.413	15.375	35.714	5.01	26.446	26.454	30.812	35.067	39.224	43.288	166.5	.471	2.162	241.5
260	15.050	15.010	35.648	5.03	26.477	26.486	30.851	35.112	39.276	43.345	164.1	.504	2.275	261.6
280	14.782	14.740	35.613	5.03	26.509	26.518	30.888	35.155	39.323	43.397	161.6	.537	2.291	281.8
300	14.378	14.333	35.545	5.06	26.544	26.554	30.932	35.207	39.382	43.464	158.6	.569	2.453	301.9
320	14.162	14.115	35.513	5.06	26.566	26.576	30.958	35.237	39.416	43.502	157.1	.600	1.906	322.1
340	13.823	13.773	35.452	5.06	26.591	26.601	30.990	35.275	39.462	43.553	155.1	.632	2.077	342.2
360	13.447	13.395	35.377	5.07	26.610	26.621	31.018	35.311	39.504	43.602	153.6	.662	1.878	362.4
380	13.081	13.028	35.312	5.09	26.635	26.646	31.051	35.351	39.551	43.657	151.5	.693	2.105	382.5
400	12.212	12.158	35.148	5.00	26.681	26.691	31.115	35.432	39.650	43.772	147.1	.723	2.861	402.7
450	10.794	10.738	34.923	4.96	26.771	26.781	31.235	35.583	39.829	43.978	138.7	.794	2.537	453.2
500	9.179	9.123	34.708	4.88	26.880	26.889	31.380	35.764	40.044	44.226	128.0	.861	2.808	503.6
550	7.580	7.525	34.528	4.99	26.986	26.994	31.523	35.943	40.259	44.475	117.2	.922	2.794	554.0
600	5.334	5.284	34.222	5.88	27.042	27.048	31.634	36.110	40.479	44.746	109.8	.979	2.337	604.5
650	4.747	4.696	34.161	6.51	27.061	27.066	31.669	36.159	40.543	44.824	107.7	1.033	1.337	654.9
700	4.621	4.566	34.167	6.62	27.080	27.086	31.691	36.185	40.572	44.856	106.2	1.087	1.163	705.4
750	4.509	4.450	34.181	6.60	27.103	27.109	31.718	36.215	40.604	44.891	104.3	1.139	1.276	755.9
800	4.271	4.210	34.178	6.62	27.126	27.133	31.748	36.250	40.646	44.938	102.1	1.191	1.326	806.4
900	4.466	4.395	34.275	5.93	27.182	27.190	31.799	36.297	40.687	44.974	98.2	1.291	1.276	907.5
1000	3.891	3.816	34.265	5.69	27.235	27.243	31.868	36.380	40.784	45.085	92.9	1.387	1.594	1008.6
1100	3.652	3.576	34.300	5.31	27.287	27.295	31.926	36.444	40.854	45.161	88.3	1.478	1.361	1109.8
1200	3.504	3.416	34.352	4.99	27.343	27.351	31.986	36.508	40.921	45.232	83.4	1.563	1.330	1211.0
1300	3.087	2.994	34.369	4.86	27.396	27.404	32.050	36.583	41.008	45.328	77.9	1.644	1.540	1312.3
1400	3.071	2.970	34.435	4.63	27.450	27.459	32.105	36.638	41.063	45.383	73.5	1.720	1.272	1413.6
1500	2.987	2.878	34.486	4.47	27.498	27.508	32.156	36.691	41.118	45.440	69.4	1.791	1.280	1515.0
1600	2.998	2.881	34.540	4.37	27.540	27.551	32.198	36.733	41.159	45.480	66.2	1.859	1.056	1616.5
1700	3.134	3.005	34.622	4.36	27.593	27.604	32.248	36.779	41.201	45.519	62.6	1.923	1.127	1718.0
1800	3.203	3.065	34.682	4.39	27.634	27.647	32.289	36.817	41.237	45.554	59.8	1.985	1.118	1819.5
1900	3.383	3.233	34.764	4.64	27.682	27.697	32.333	36.857	41.272	45.583	56.9	2.043	1.225	1921.1
2000	3.330	3.171	34.790	4.79	27.708	27.723	32.361	36.886	41.302	45.615	55.0	2.099	.781	2022.8
2100	3.456	3.285	34.859	5.06	27.750	27.767	32.401	36.923	41.336	45.645	52.5	2.153	1.073	2124.5
2200	3.394	3.214	34.875	5.20	27.769	27.787	32.423	36.946	41.361	45.672	51.2	2.205	.901	2226.2
2300	3.448	3.257	34.913	5.42	27.795	27.813	32.448	36.969	41.382	45.692	49.9	2.255	.838	2328.0
2400	3.358	3.159	34.921	5.56	27.809	27.828	32.466	36.990	41.405	45.718	48.8	2.304	.849	2429.8
2500	3.286	3.078	34.925	5.67	27.820	27.840	32.479	37.005	41.423	45.737	48.2	2.353	.712	2531.7
2600	3.116	2.900	34.913	5.61	27.827	27.847	32.491	37.022	41.444	45.763	47.2	2.401	.788	2633.7
2700	2.976	2.754	34.904	5.65	27.832	27.852	32.500	37.035	41.461	45.784	46.5	2.448	.739	2735.6
2800	2.800	2.570	34.888	5.47	27.836	27.856	32.510	37.049	41.480	45.807	45.7	2.494	.759	2837.7
2900	2.693	2.455	34.886	5.53	27.844	27.864	32.521	37.064	41.498	45.828	44.8	2.539	.782	2939.8
3000	2.418	2.175	34.853	5.41	27.841	27.861	32.526	37.077	41.518	45.855	43.6	2.583	.833	3041.9
3200	1.845	1.595	34.785	5.05	27.833	27.852	32.534	37.101	41.559	45.911	40.9	2.668	.883	3246.3
3400	1.424	1.165	34.748	4.83	27.835	27.853	32.548	37.127	41.597	45.961	38.0	2.747	.765	3450.9
3600	.942	.674	34.717	4.76	27.843	27.860	32.569	37.163	41.646	46.022	33.5	2.819	1.225	3655.7
3788	.355	.083	34.688	4.77	27.856	27.871	32.597	37.208	41.708	46.101	27.2	2.877	1.529	3849.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
299	14.666	14.620	35.604	5.10	2.7	0.56	6.10	0.02	26.527	26.537	35.178	43.425	302.	B89
682	4.735	4.681	34.180	6.52	10.0	1.66	23.40	0.01	27.077	27.083	36.177	44.842	689.	
1523	2.891	2.781	34.482	4.38	56.9	2.29	33.30	0.00	27.504	27.513	36.702	45.456	1541.	B8
2470	3.320	3.114	34.925	5.56	30.5	1.48	21.80	0.00	27.816	27.836	37.000	45.730	2504.	B1
3547	1.142	0.873	34.727	4.83	108.9	2.13	30.90	0.00	27.838	27.855	37.147	45.995	3605.	B3
3784	0.357	0.086	34.690	5.18	124.6	2.30	32.60	0.00	27.857	27.872	37.210	46.102	3848.	D24

SHIP AT CRUISE 107 STATION 8
START 38 50 S 52 38.14 W AT 130 79/12/13
WIND = 999M/S COR. DEPTH = 4061M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	20.077	20.077	36.034	5.26	25.546	25.546	29.823	34.000	38.082	42.073	244.6	0.000	0.000	-0
10	20.078	20.076	36.029	5.22	25.542	25.542	29.820	33.997	38.079	42.069	243.3	.024	-1.022	10.1
20	19.788	19.784	36.088	5.27	25.664	25.665	29.946	34.127	38.213	42.207	234.1	.048	6.195	20.1
30	19.166	19.161	36.059	5.34	25.803	25.805	30.096	34.287	38.382	42.386	221.2	.071	6.635	30.2
40	18.883	18.876	36.080	5.39	25.892	25.894	30.190	34.385	38.484	42.492	213.1	.093	5.307	40.2
50	18.778	18.769	36.073	5.37	25.914	25.916	30.214	34.410	38.512	42.520	211.4	.114	2.619	50.3
60	18.554	18.543	36.017	5.39	25.928	25.931	30.232	34.433	38.538	42.550	210.4	.135	2.154	60.3
70	17.998	17.986	35.886	5.43	25.967	25.970	30.282	34.492	38.606	42.628	207.0	.156	3.545	70.4
80	18.245	18.231	36.008	5.36	25.999	26.002	30.309	34.515	38.624	42.642	204.3	.177	3.175	80.5
90	18.016	18.000	35.992	5.33	26.043	26.047	30.358	34.567	38.680	42.701	200.4	.197	3.759	90.5
100	17.561	17.544	35.904	5.33	26.088	26.092	30.411	34.629	38.749	42.778	196.4	.217	3.802	100.6
120	17.501	17.480	36.049	5.14	26.214	26.219	30.538	34.756	38.876	42.905	185.2	.255	4.455	120.7
140	17.180	17.156	35.993	5.03	26.249	26.254	30.579	34.802	38.928	42.962	182.5	.292	2.376	140.8
160	16.931	16.904	35.953	4.99	26.278	26.284	30.613	34.841	38.971	43.009	180.4	.328	2.177	161.0
180	16.604	16.574	35.905	5.03	26.319	26.326	30.661	34.894	39.030	43.074	177.1	.364	2.592	181.1
200	16.428	16.395	35.881	5.07	26.342	26.349	30.688	34.925	39.063	43.110	175.5	.399	1.953	201.2
220	16.164	16.128	35.828	5.01	26.363	26.371	30.715	34.956	39.099	43.150	174.1	.434	1.873	221.4
240	15.883	15.844	35.779	5.03	26.390	26.399	30.748	34.994	39.143	43.198	172.0	.469	2.138	241.5
260	15.657	15.616	35.735	5.02	26.408	26.417	30.770	35.021	39.174	43.233	170.9	.503	1.738	261.7
280	15.370	15.326	35.690	5.05	26.437	26.447	30.806	35.062	39.220	43.284	168.6	.537	2.234	281.8
300	14.993	14.947	35.611	5.02	26.461	26.471	30.837	35.100	39.265	43.336	166.8	.570	2.004	301.9
320	14.687	14.639	35.555	4.96	26.485	26.495	30.868	35.136	39.307	43.383	165.0	.604	2.028	322.1
340	14.567	14.516	35.543	4.98	26.501	26.513	30.887	35.158	39.331	43.410	163.9	.636	1.689	342.2
360	14.167	14.114	35.459	4.99	26.523	26.535	30.917	35.196	39.376	43.462	162.2	.669	1.973	362.4
380	13.812	13.757	35.398	4.93	26.551	26.562	30.952	35.238	39.425	43.517	160.0	.701	2.176	382.5
400	13.557	13.499	35.354	4.91	26.570	26.582	30.977	35.268	39.460	43.557	158.5	.733	1.847	402.7
450	12.617	12.555	35.203	4.92	26.644	26.656	31.071	35.380	39.590	43.705	152.2	.811	2.272	453.2
500	11.580	11.515	35.031	4.87	26.711	26.723	31.160	35.491	39.721	43.856	146.3	.885	2.202	503.6
550	10.274	10.207	34.843	4.91	26.801	26.813	31.279	35.638	39.895	44.055	137.6	.956	2.567	554.0
600	9.053	8.985	34.688	4.91	26.885	26.895	31.390	35.776	40.060	44.245	129.4	1.023	2.490	604.4
650	7.782	7.716	34.526	4.99	26.954	26.964	31.488	35.904	40.216	44.428	122.1	1.086	2.339	654.9
700	6.576	6.510	34.413	5.21	27.035	27.044	31.599	36.043	40.382	44.621	113.5	1.145	2.507	705.4
750	5.906	5.840	34.355	5.28	27.076	27.084	31.656	36.117	40.472	44.726	109.3	1.201	1.821	755.9
800	5.435	5.366	34.325	5.34	27.111	27.119	31.703	36.176	40.542	44.807	105.8	1.254	1.664	806.4
900	4.396	4.326	34.236	5.85	27.158	27.166	31.777	36.277	40.669	44.958	100.3	1.357	1.328	907.5
1000	3.978	3.902	34.236	5.72	27.203	27.211	31.834	36.344	40.746	45.045	96.1	1.455	1.306	1008.6
1100	3.618	3.537	34.254	5.53	27.253	27.261	31.893	36.413	40.825	45.133	91.3	1.549	1.354	1109.7
1200	3.362	3.275	34.288	5.26	27.305	27.314	31.953	36.479	40.896	45.211	86.5	1.638	1.361	1211.0
1300	3.249	3.155	34.335	5.02	27.353	27.362	32.004	36.533	40.954	45.270	82.3	1.722	1.313	1312.3
1400	2.945	2.845	34.366	4.85	27.406	27.415	32.066	36.602	41.030	45.354	77.1	1.802	1.482	1413.6
1500	3.026	2.917	34.440	4.59	27.458	27.468	32.115	36.650	41.075	45.397	73.3	1.878	1.418	1515.0
1503	3.024	2.914	34.441	4.57	27.459	27.469	32.116	36.651	41.077	45.398	73.2	1.880	1.089	1518.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
1	19.854	19.854	36.076	5.25	1.8	0.16	0.30	0.02	25.637	25.637	34.098	42.176	1.	
15	19.253	19.250	36.035	5.34	1.4	0.16	0.20	0.02	25.763	25.763	34.243	42.339	16.	
36	18.908	18.902	36.100	5.34	1.6	0.15	0.20	0.02	25.901	25.903	34.393	42.498	37.	
97	18.028	18.011	36.088	5.03	1.5	0.25	1.60	0.06	26.114	26.118	34.636	42.769	98.	
142	17.027	17.003	35.982	4.96	1.7	0.34	2.90	0.04	26.277	26.283	34.836	43.001	144.	
190	16.526	16.495	35.894	4.97	1.8	0.39	3.60	0.03	26.328	26.336	34.907	43.089	192.	
290	15.122	15.077	35.659	5.00	2.3	0.52	5.50	0.02	26.469	26.479	35.103	43.334	293.	
388	13.908	13.851	35.417	4.84	3.1	0.69	8.30	0.01	26.545	26.557	35.229	43.505	392.	
488	11.958	11.893	35.092	4.74	4.9	0.98	12.80	0.00	26.686	26.699	35.451	43.801	493.	
639	7.974	7.907	34.586	4.99	9.7	1.52	21.50	0.00	26.973	26.983	35.913	44.428	645.	B1
794	5.291	5.224	34.297	5.62	14.4	1.75	25.30	0.00	27.106	27.114	36.178	44.816	791.	
882	4.450	4.380	34.240	5.86	17.0	1.84	26.50	0.00	27.156	27.164	36.272	44.950	891.	BB9
983	3.994	3.919	34.233	5.77	21.2	1.94	27.90	0.00	27.199	27.207	36.339	45.040	994.	
1080	3.647	3.567	34.246	5.58	26.6	2.04	29.50	0.00	27.244	27.252	36.402	45.121	1091.	
1265	3.277	3.185	34.322	5.01	37.8	2.18	31.50	0.00	27.340	27.349	36.519	45.254	1279.	B1
1475	3.042	2.935	34.495	4.55	47.6	2.16	31.00	0.00	27.500	27.510	36.690	45.436	1492.	B1

SHIP AT CRUISE 107 STATION 9
START 37 57.49 S 52 14.55 W AT 450 79/12/13
WIND = 18M/S COR. DEPTH = 4177M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR	
0	20.146	20.146	35.530	4.81	25.144	25.144	29.423	33.602	37.686	41.678	282.8	0.000	0.000	-	0
10	20.130	20.128	35.528	5.11	25.146	25.147	29.427	33.606	37.690	41.682	282.9	0.028	0.971	10.1	1
20	18.616	18.612	35.838	5.35	25.776	25.776	30.078	34.279	38.383	42.396	223.4	0.054	14.066	20.1	1
30	18.039	18.033	35.732	5.48	25.839	25.840	30.152	34.362	38.476	42.498	217.8	0.076	4.472	30.2	2
40	17.681	17.674	35.749	5.83	25.940	25.942	30.259	34.476	38.595	42.623	208.5	0.097	5.660	40.2	3
50	17.875	17.867	35.878	5.73	25.991	25.993	30.307	34.519	38.635	42.658	204.0	0.118	4.003	50.3	2
60	18.180	18.169	36.027	5.48	26.030	26.032	30.340	34.547	38.657	42.675	200.7	0.138	3.501	60.3	3
70	18.319	18.307	36.133	5.38	26.076	26.079	30.384	34.587	38.695	42.710	196.7	0.158	3.815	70.4	4
80	18.138	18.124	36.133	5.30	26.121	26.124	30.432	34.638	38.749	42.767	192.8	0.177	3.777	80.4	5
90	17.840	17.825	36.078	5.28	26.152	26.156	30.469	34.681	38.796	42.819	190.1	0.196	3.200	90.5	6
100	17.541	17.524	36.028	5.26	26.188	26.192	30.511	34.728	38.848	42.876	187.0	0.215	3.384	100.6	7
120	17.304	17.284	36.013	5.18	26.234	26.239	30.562	34.782	38.907	42.938	183.2	0.252	2.723	120.7	8
140	16.829	16.806	35.933	5.25	26.286	26.292	30.623	34.853	38.984	43.024	178.9	0.288	2.909	140.8	9
160	16.523	16.497	35.896	5.17	26.331	26.337	30.674	34.908	39.046	43.090	175.3	0.324	2.678	160.9	10
180	15.986	15.957	35.805	5.35	26.386	26.393	30.740	34.984	39.130	43.184	170.5	0.358	3.002	181.1	11
200	16.006	15.974	35.875	5.45	26.435	26.442	30.789	35.032	39.178	43.231	166.5	0.392	2.789	201.2	12
220	15.929	15.894	35.874	5.47	26.452	26.460	30.807	35.052	39.199	43.254	165.6	0.425	1.668	221.3	13
240	15.905	15.867	35.874	5.44	26.457	26.466	30.814	35.059	39.207	43.261	165.7	0.458	976	241.5	14
260	15.898	15.857	35.875	5.45	26.460	26.470	30.818	35.063	39.211	43.266	166.0	0.492	763	261.6	15
280	15.712	15.667	35.833	5.43	26.470	26.481	30.832	35.081	39.233	43.291	165.6	0.525	1.375	281.8	16
300	15.343	15.296	35.746	5.38	26.486	26.497	30.856	35.112	39.270	43.334	164.5	0.558	1.696	301.9	17
320	14.947	14.898	35.657	5.32	26.506	26.517	30.884	35.148	39.313	43.385	163.1	0.591	1.891	322.0	18
340	14.532	14.481	35.570	5.20	26.530	26.541	30.916	35.187	39.361	43.439	161.2	0.623	2.030	342.2	19
360	14.304	14.250	35.531	5.25	26.549	26.560	30.940	35.216	39.393	43.476	159.9	0.655	1.820	362.3	20
380	13.656	13.601	35.398	5.11	26.583	26.595	30.988	35.277	39.466	43.561	156.8	0.687	2.486	382.5	21
400	13.326	13.269	35.334	5.12	26.602	26.614	31.013	35.309	39.505	43.606	155.4	0.718	1.835	402.6	22
450	12.669	12.607	35.252	5.22	26.671	26.684	31.097	35.405	39.614	43.727	149.7	0.794	2.179	453.1	23
500	12.204	12.136	35.204	5.40	26.726	26.739	31.162	35.480	39.697	43.819	145.4	0.868	1.932	503.5	24
550	10.256	10.190	34.856	4.90	26.814	26.825	31.292	35.651	39.909	44.069	136.4	0.938	2.619	553.9	25
600	9.251	9.183	34.737	4.70	26.891	26.902	31.392	35.774	40.052	44.233	129.0	1.005	2.379	604.4	26
650	8.021	7.953	34.570	4.88	26.953	26.963	31.482	35.892	40.198	44.405	122.5	1.068	2.229	654.8	27
700	6.703	6.637	34.431	5.09	27.032	27.041	31.592	36.034	40.370	44.606	114.0	1.127	2.502	705.3	28
750	5.765	5.699	34.343	5.23	27.085	27.093	31.668	36.132	40.491	44.748	108.2	1.182	2.078	755.8	29
800	5.068	5.001	34.294	5.37	27.130	27.137	31.731	36.212	40.588	44.861	103.3	1.235	1.915	806.3	30
900	3.969	3.902	34.190	5.69	27.168	27.174	31.798	36.308	40.711	45.011	98.5	1.336	1.351	907.3	31
1000	3.742	3.668	34.196	5.75	27.195	27.203	31.832	36.349	40.757	45.063	96.2	1.433	941	1008.4	32
1100	3.535	3.455	34.202	5.70	27.220	27.228	31.863	36.385	40.798	45.109	94.2	1.529	1.041	1109.6	33
1200	3.329	3.242	34.234	5.56	27.266	27.274	31.914	36.442	40.861	45.176	90.0	1.621	1.260	1210.8	34
1300	3.080	2.987	34.277	5.17	27.323	27.331	31.978	36.512	40.937	45.259	84.6	1.708	1.412	1312.0	35
1400	2.908	2.809	34.336	4.87	27.386	27.395	32.046	36.584	41.014	45.339	78.8	1.790	1.461	1413.4	36
1500	3.012	2.903	34.427	4.51	27.449	27.458	32.107	36.641	41.068	45.390	74.0	1.866	1.424	1514.7	37
1600	3.013	2.895	34.501	4.32	27.508	27.518	32.166	36.701	41.126	45.448	69.2	1.938	1.297	1616.1	38
1700	3.074	2.947	34.575	4.26	27.560	27.572	32.218	36.750	41.174	45.494	65.3	2.005	1.271	1717.6	39
1800	3.089	2.952	34.631	4.27	27.604	27.617	32.262	36.794	41.217	45.537	62.0	2.069	1.256	1819.1	40
1900	3.205	3.057	34.703	4.35	27.651	27.665	32.306	36.835	41.255	45.571	58.9	2.129	1.129	1920.7	41
2000	3.303	3.144	34.764	4.53	27.690	27.705	32.344	36.870	41.287	45.600	56.5	2.187	1.175	2022.3	42
2100	3.434	3.264	34.824	4.75	27.725	27.741	32.376	36.898	41.312	45.623	54.7	2.243	1.008	2124.0	43
2200	3.482	3.301	34.867	5.02	27.754	27.772	32.406	36.927	41.339	45.648	53.0	2.297	1.017	2225.7	44
2300	3.448	3.258	34.888	5.23	27.775	27.793	32.428	36.949	41.363	45.673	51.7	2.349	796	2327.5	45
2400	3.330	3.131	34.895	5.30	27.791	27.810	32.449	36.973	41.390	45.703	50.3	2.400	876	2429.3	46
2500	3.179	2.973	34.889	5.31	27.801	27.820	32.463	36.992	41.413	45.730	49.3	2.450	737	2531.2	47
2600	3.016	2.803	34.880	5.34	27.809	27.829	32.476	37.009	41.435	45.756	48.2	2.499	811	2633.1	48
2700	2.890	2.669	34.876	5.38	27.818	27.837	32.488	37.026	41.455	45.779	47.3	2.547	865	2735.1	49
2800	2.755	2.527	34.867	5.46	27.823	27.843	32.498	37.039	41.471	45.799	46.5	2.594	856	2837.1	50
2900	2.635	2.399	34.868	5.37	27.834	27.855	32.513	37.058	41.494	45.825	45.2	2.640	885	2939.2	51
3000	2.376	2.135	34.843	5.34	27.836	27.856	32.522	37.075	41.517	45.855	43.7	2.684	897	3041.3	52
3200	1.976	1.724	34.800	5.10	27.835	27.854	32.532	37.096	41.550	45.899	41.8	2.770	831	3245.7	53
3400	1.504	1.242	34.757	4.99	27.836	27.855	32.547	37.124	41.592	45.953	38.5	2.850	801	3450.2	54
3600	1.065	0.794	34.726	4.93	27.842	27.860	32.565	37.155	41.635	46.009	34.7	2.924	855	3655.0	55
3800	0.690	0.408	34.701	4.99	27.846	27.863	32.580	37.182	41.672	46.056	31.2	2.990	944	3859.9	56
4000	0.243	0.048	34.683	5.10	27.858	27.873	32.604	37.219	41.722	46.118	26.0	3.047	825	4065.1	57
4052	0.174	0.119	34.680	5.09	27.859	27.875	32.608	37.225	41.730	46.128	25.2	3.060	659	4119.0	58

DE	TE	PT	SA	OX	SIL	PO4	N3	N2	ST	S0	S2	S4	PR	FLAG
2	19.644	19.644	35.481	5.27	2.5	0.21	0.30	0.02	25.239	25.239	33.713	41.804	3.	B89
19	18.207	18.203	35.740	5.49	1.2	0.20	0.10	0.02	25.803	25.804	34.321	42.452	20.	
43	17.585	17.577	35.783	5.49	1.0	0.20	0.10	0.02	25.990	25.991	34.528	42.677	43.	
61	17.072	17.061	35.752	5.44	1.2	0.24	0.20	0.07	26.090	26.093	34.647	42.812	62.	B9
96	16.125	16.109	35.635	5.33	1.9	0.36	2.50	0.11	26.223	26.227	34.815	43.012	97.	
192	15.712	15.681	35.799	5.22	1.9	0.40	3.90	0.03	26.444	26.451	35.052	43.261	194.	
290	15.024	14.980	35.697	5.22	2.3	0.48	5.00	0.03	26.520	26.530	35.157	43.390	293.	B8
487	13.528	13.458	35.528	5.47	2.6	0.62	7.20	0.03	26.710	26.725	35.410	43.698	492.	
714	6.423	6.357	34.413	5.29	12.3	1.68	24.30	0.01	27.055	27.064	36.070	44.655	721.	
883	4.449	4.379	34.238	5.85	17.0	1.84	26.80	0.00	27.155	27.162	36.270	44.949	892.	D1
985	3.677	3.605	34.199	5.92	21.9	1.93	28.10	0.00	27.204	27.211	36.360	45.077	996.	
1181	3.254	3.170	34.230	5.59	29.9	2.06	29.90	0.01	27.269	27.277	36.449	45.187	1194.	
1405	2.905	2.805	34.331	4.89	45.6	2.20	32.40	0.01	27.382	27.391	36.581	45.335	1421.	D1
1576	3.047	2.930	34.486	4.35	53.6	2.21	32.50	0.01	27.493	27.503	36.684	45.430	1594.	
1772	3.144	3.009	34.632	4.41	52.1	2.12	30.90	0.01	27.600	27.612	36.786	45.526	1794.	
1975	3.355	3.197	34.758	4.68	44.6	1.86	27.70	0.02	27.680	27.695	36.857	45.585	2000.	D1
2437	3.285	3.083	34.901	5.36	35.5	1.54	22.60	0.01	27.801	27.820	36.986	45.717	2470.	
2934	2.597	2.358	34.863	5.33	52.8	1.67	24.20	0.01	27.833	27.854	37.060	45.829	2977.	
3431	1.460	1.195	34.750	4.85	97.4	2.09	29.20	0.01	27.834	27.853	37.125	45.956	3485.	D1
3973	0.285	-0.004	34.693	5.05				0.00	27.863	27.879	37.222	46.119	4041.	
3986	0.266	-0.024	34.689	5.07	124.5	2.27	32.20	0.00	27.861	27.877	37.221	46.119	4055.	

SHIP AT CRUISE 107 STATION 10
START 38 1.51 S 51 52.05 W AT 1007 79/12/13
WIND = 17M/S COR. DEPTH = 4770M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	18.953	18.953	35.751	5.43	25.623	25.623	29.920	34.116	38.216	42.224	237.2	0.000	0.000	- 0
10	18.950	18.948	35.749	5.72	25.623	25.623	29.920	34.116	38.216	42.224	237.6	.024	.195	10.1
20	17.837	17.833	35.694	5.84	25.859	25.860	30.176	34.390	38.507	42.532	215.5	.046	8.633	20.1
30	17.561	17.556	35.768	5.70	25.984	25.985	30.304	34.522	38.644	42.672	204.0	.067	6.256	30.2
40	17.201	17.194	35.779	5.60	26.079	26.081	30.406	34.631	38.757	42.792	195.2	.087	5.501	40.2
50	16.543	16.535	35.716	5.49	26.188	26.189	30.527	34.762	38.900	42.945	185.3	.106	3.845	50.3
60	16.405	16.396	35.760	5.30	26.254	26.256	30.596	34.832	38.972	43.019	179.3	.125	4.576	60.4
70	16.300	16.289	35.777	5.27	26.292	26.294	30.636	34.874	39.016	43.064	176.0	.142	3.476	70.4
80	16.231	16.218	35.789	5.20	26.317	26.320	30.663	34.902	39.045	43.094	173.9	.160	2.837	80.5
90	16.097	16.083	35.791	5.08	26.349	26.353	30.697	34.940	39.084	43.136	171.2	.177	3.207	90.5
100	15.963	15.947	35.771	4.96	26.365	26.368	30.715	34.960	39.107	43.161	170.0	.194	2.226	100.6
120	15.791	15.772	35.771	5.02	26.405	26.409	30.759	35.007	39.157	43.214	166.8	.228	2.539	120.7
140	15.709	15.687	35.790	4.99	26.437	26.442	30.794	35.043	39.194	43.252	164.3	.261	2.295	140.9
160	15.896	15.871	35.862	5.14	26.451	26.456	30.804	35.050	39.197	43.252	163.8	.294	1.452	161.0
180	15.802	15.773	35.843	5.12	26.457	26.464	30.813	35.061	39.210	43.266	163.8	.327	1.079	181.1
200	15.833	15.801	35.858	5.12	26.462	26.469	30.819	35.065	39.214	43.270	163.9	.359	.937	201.3
220	15.643	15.608	35.816	5.17	26.473	26.480	30.833	35.084	39.236	43.295	163.5	.392	1.371	221.4
240	15.391	15.353	35.764	5.18	26.490	26.498	30.856	35.111	39.268	43.331	162.4	.425	1.712	241.6
260	15.320	15.279	35.760	5.18	26.503	26.512	30.871	35.127	39.286	43.350	161.8	.457	1.495	261.7
280	15.134	15.091	35.721	5.21	26.514	26.524	30.887	35.146	39.308	43.376	161.2	.489	1.422	281.8
300	14.892	14.846	35.666	5.24	26.525	26.536	30.903	35.168	39.334	43.406	160.6	.522	1.435	302.0
320	14.607	14.559	35.607	5.25	26.542	26.553	30.926	35.196	39.367	43.445	159.5	.554	1.722	322.1
340	14.223	14.173	35.530	5.27	26.565	26.576	30.957	35.235	39.413	43.498	157.7	.585	2.017	342.3
360	14.129	14.076	35.527	5.19	26.583	26.595	30.978	35.257	39.437	43.523	156.5	.617	1.738	362.4
380	13.839	13.784	35.473	5.24	26.603	26.615	31.003	35.289	39.474	43.566	155.0	.648	1.859	382.6
400	13.063	13.009	35.295	5.26	26.625	26.636	31.042	35.342	39.543	43.649	153.0	.679	2.100	402.8
450	12.693	12.631	35.285	5.19	26.692	26.705	31.117	35.425	39.633	43.746	147.7	.754	2.113	453.2
500	11.029	10.966	34.965	5.32	26.761	26.772	31.222	35.564	39.806	43.951	141.0	.826	2.311	503.6
550	9.438	9.375	34.703	5.34	26.834	26.844	31.330	35.707	39.982	44.160	133.6	.895	2.385	554.1
600	7.838	7.777	34.508	5.37	26.931	26.940	31.464	35.878	40.189	44.400	123.5	.959	2.722	604.5
650	6.830	6.768	34.416	5.44	27.003	27.011	31.559	35.998	40.331	44.564	116.2	1.019	2.323	655.0
700	5.919	5.857	34.332	5.59	27.056	27.064	31.636	36.096	40.451	44.704	110.5	1.076	2.070	705.5
750	5.450	5.386	34.291	5.66	27.082	27.089	31.673	36.145	40.512	44.776	107.9	1.130	1.469	756.0
800	4.954	4.889	34.269	5.74	27.123	27.130	31.727	36.212	40.590	44.866	103.7	1.183	1.786	806.5
900	4.121	4.052	34.204	5.93	27.163	27.170	31.789	36.295	40.694	44.991	99.3	1.284	1.255	907.5
1000	3.769	3.695	34.206	5.86	27.200	27.208	31.836	36.352	40.760	45.064	95.8	1.382	1.204	1008.6
1100	3.467	3.387	34.224	5.67	27.244	27.252	31.888	36.412	40.828	45.139	91.7	1.476	1.318	1109.8
1200	3.180	3.095	34.251	5.48	27.293	27.301	31.945	36.476	40.899	45.218	87.1	1.565	1.384	1211.1
1300	3.129	3.035	34.321	5.12	27.353	27.362	32.007	36.540	40.963	45.283	81.9	1.650	1.451	1312.3
1400	2.907	2.808	34.348	4.91	27.396	27.404	32.056	36.594	41.023	45.348	77.9	1.730	1.259	1413.6
1486	2.893	2.786	34.399	4.67	27.437	27.447	32.099	36.636	41.066	45.391	74.6	1.796	1.374	1501.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	18.873	18.873	35.744	5.37	2.0	0.21	0.20	0.01	25.638	25.638	34.133	42.244	0.	
26	17.535	17.531	35.685	5.62	1.5	0.21	0.10	0.01	25.927	25.928	34.467	42.619	27.	
53	16.471	16.463	35.718	5.26	2.5	0.34	1.90	0.20	26.206	26.208	34.783	42.968	54.	
97	16.213	16.197	35.827	5.27	2.1	0.34	2.50	0.09	26.350	26.354	34.937	43.129	98.	
144	15.829	15.806	35.845	5.27	2.0	0.38	3.30	0.02	26.452	26.458	35.053	43.258	146.	
183	15.859	15.829	35.865	5.32	1.8	0.36	3.20	0.02	26.461	26.468	35.063	43.266	185.	
292	14.955	14.910	35.683	5.25	2.3	0.50	5.00	0.02	26.524	26.534	35.164	43.400	295.	
402	12.962	12.905	35.274	5.05	3.6	0.79	9.60	0.01	26.630	26.641	35.351	43.662	406.	
492	11.401	11.337	35.125	5.13	4.5	0.93	11.50	0.01	26.817	26.829	35.603	43.973	497.	B1
637	6.960	6.899	34.410	5.51	9.1	1.57	21.80	0.00	26.980	26.989	35.969	44.530	643.	
785	5.005	4.941	34.262	5.83	13.6	1.78	25.40	0.00	27.111	27.119	36.198	44.850	792.	
885	4.255	4.187	34.216	6.01	16.3	1.85	26.50	0.00	27.158	27.165	36.284	44.972	894.	
986	3.832	3.758	34.211	5.94	20.1	1.95	27.80	0.00	27.198	27.205	36.346	45.056	996.	
1079	3.499	3.420	34.227	5.73	25.1	2.04	29.30	0.00	27.244	27.251	36.410	45.135	1091.	
1279	3.141	3.049	34.338	5.14	36.0	2.13	30.70	0.00	27.366	27.374	36.551	45.293	1293.	B1
1473	2.907	2.801	34.398	4.57	51.2	2.32	33.40	0.00	27.435	27.445	36.634	45.387	1490.	

SHIP AT CRUISE 107 STATION 11
START 37 59.54 S 51 26.67 W AT 1327 79/12/13
WIND = 16M/S COR. DEPTH = 4566M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	19.424	19.424	35.997	5.51	25.689	25.689	29.977	34.164	38.256	42.256	230.9	0.000	0.000	-0
10	19.368	19.367	35.988	5.35	25.697	25.697	29.986	34.174	38.267	42.268	230.6	0.023	1.594	10.1
20	19.299	19.295	35.990	5.29	25.717	25.718	30.007	34.197	38.290	42.292	229.0	0.046	2.525	20.1
30	19.181	19.175	35.987	5.30	25.744	25.746	30.037	34.229	38.324	42.327	226.8	0.069	2.975	30.2
40	19.081	19.074	35.971	5.32	25.758	25.760	30.054	34.246	38.343	42.348	225.8	0.091	2.128	40.2
50	18.360	18.351	35.918	5.38	25.901	25.903	30.209	34.413	38.521	42.537	212.6	0.113	6.709	50.3
60	17.807	17.796	35.870	5.47	26.002	26.004	30.319	34.533	38.650	42.674	203.3	0.134	5.653	60.3
70	17.491	17.479	35.848	5.49	26.062	26.065	30.385	34.604	38.726	42.756	197.9	0.154	4.384	70.4
80	16.812	16.799	35.821	5.53	26.205	26.208	30.540	34.770	38.903	42.943	184.6	0.173	6.711	80.5
90	16.517	16.502	35.802	5.49	26.260	26.263	30.600	34.835	38.973	43.018	179.7	0.192	4.177	90.5
100	16.458	16.441	35.799	5.43	26.272	26.276	30.614	34.850	38.989	43.035	178.9	0.210	2.002	100.6
120	16.263	16.244	35.815	5.24	26.329	26.334	30.675	34.915	39.057	43.106	174.1	0.245	3.025	120.7
140	16.164	16.142	35.823	5.14	26.358	26.363	30.707	34.948	39.091	43.142	171.9	0.279	2.162	140.8
160	16.055	16.029	35.834	5.05	26.392	26.398	30.744	34.987	39.132	43.184	169.3	0.314	2.353	161.0
180	15.663	15.635	35.772	5.17	26.434	26.441	30.793	35.043	39.196	43.255	165.9	0.347	2.615	181.1
200	15.781	15.750	35.836	5.19	26.457	26.464	30.814	35.062	39.212	43.268	164.4	0.380	1.886	201.2
220	15.197	15.163	35.700	5.20	26.484	26.491	30.853	35.112	39.272	43.337	162.3	0.413	2.159	221.4
240	15.076	15.039	35.682	5.22	26.497	26.505	30.869	35.130	39.293	43.362	161.6	0.445	1.487	241.5
260	15.108	15.068	35.728	5.29	26.525	26.534	30.898	35.157	39.319	43.388	159.6	0.477	2.134	261.6
280	15.137	15.094	35.750	5.35	26.535	26.545	30.908	35.167	39.329	43.396	159.2	0.509	1.309	281.8
300	15.125	15.079	35.754	5.37	26.541	26.551	30.915	35.174	39.336	43.404	159.3	0.541	1.002	301.9
320	15.093	15.043	35.747	5.42	26.543	26.554	30.918	35.178	39.340	43.409	159.7	0.573	0.678	322.1
340	15.033	14.980	35.733	5.41	26.546	26.558	30.922	35.184	39.348	43.417	160.0	0.605	0.786	342.2
360	14.418	14.364	35.579	5.42	26.562	26.573	30.951	35.224	39.399	43.480	158.7	0.637	1.774	362.4
380	13.898	13.842	35.476	5.29	26.593	26.605	30.993	35.277	39.461	43.552	156.0	0.668	2.357	382.5
400	13.766	13.708	35.450	5.25	26.600	26.612	31.003	35.289	39.477	43.570	155.8	0.699	1.156	402.7
450	12.484	12.423	35.212	5.26	26.677	26.689	31.107	35.419	39.631	43.748	149.0	0.776	2.350	453.1
500	11.377	11.313	35.034	5.33	26.751	26.763	31.204	35.539	39.773	43.912	142.3	0.848	2.308	503.5
550	9.480	9.417	34.723	5.22	26.842	26.852	31.337	35.713	39.988	44.164	132.9	0.917	2.651	553.9
600	8.136	8.073	34.554	5.26	26.924	26.933	31.449	35.856	40.160	44.365	124.6	0.982	2.491	604.4
650	6.887	6.825	34.415	5.38	26.994	27.003	31.550	35.987	40.319	44.551	117.1	1.042	2.363	654.8
700	5.956	5.894	34.342	5.46	27.060	27.068	31.638	36.098	40.452	44.705	110.2	1.099	2.251	705.3
750	5.269	5.206	34.276	5.63	27.092	27.099	31.688	36.165	40.535	44.804	106.7	1.153	1.666	755.8
800	4.928	4.862	34.262	5.71	27.120	27.128	31.725	36.211	40.590	44.866	103.9	1.206	1.490	806.3
900	4.276	4.206	34.215	5.98	27.155	27.162	31.777	36.279	40.675	44.967	100.4	1.308	1.141	907.3
1000	3.867	3.792	34.216	5.93	27.198	27.206	31.832	36.345	40.750	45.052	96.3	1.406	1.392	1008.4
1100	3.645	3.564	34.236	5.71	27.237	27.245	31.877	36.395	40.806	45.114	92.9	1.501	1.194	1109.6
1200	3.295	3.208	34.260	5.46	27.290	27.298	31.939	36.467	40.887	45.203	87.7	1.591	1.293	1210.8
1300	3.037	2.945	34.303	5.20	27.348	27.356	32.004	36.539	40.965	45.287	82.2	1.676	1.407	1312.1
1400	2.922	2.822	34.361	4.94	27.405	27.413	32.064	36.602	41.031	45.355	77.2	1.755	1.411	1413.4
1500	2.876	2.769	34.422	4.67	27.457	27.466	32.118	36.657	41.086	45.412	72.8	1.830	1.234	1514.7
1600	2.839	2.723	34.470	4.51	27.499	27.509	32.162	36.701	41.132	45.458	69.4	1.901	1.186	1616.2
1700	2.821	2.697	34.537	4.37	27.554	27.565	32.218	36.757	41.187	45.514	64.9	1.968	1.249	1717.6
1800	2.811	2.678	34.584	4.32	27.592	27.604	32.257	36.796	41.227	45.553	61.9	2.032	1.021	1819.2
1900	2.874	2.731	34.643	4.30	27.633	27.646	32.297	36.835	41.264	45.588	59.0	2.092	1.137	1920.7
2000	2.970	2.817	34.696	4.35	27.667	27.681	32.329	36.864	41.290	45.613	57.0	2.150	0.976	2022.4
2100	3.001	2.838	34.734	4.47	27.695	27.709	32.357	36.891	41.316	45.638	55.3	2.206	0.850	2124.0
2200	2.998	2.825	34.767	4.58	27.721	27.737	32.384	36.918	41.344	45.665	53.5	2.261	0.816	2225.8
2300	3.005	2.822	34.799	4.65	27.746	27.762	32.410	36.944	41.369	45.690	51.9	2.313	0.825	2327.5
2400	3.089	2.895	34.841	4.83	27.772	27.790	32.435	36.966	41.389	45.709	50.7	2.365	0.863	2429.4
2500	3.075	2.871	34.857	5.07	27.785	27.804	32.450	36.982	41.405	45.725	50.0	2.415	0.725	2531.2
2600	3.059	2.845	34.874	5.21	27.801	27.820	32.467	36.999	41.424	45.743	49.2	2.465	0.737	2633.2
2700	3.104	2.879	34.903	5.40	27.820	27.840	32.485	37.017	41.440	45.759	48.4	2.513	0.747	2735.1
2800	3.047	2.813	34.909	5.54	27.830	27.851	32.498	37.031	41.456	45.777	47.8	2.561	0.683	2837.1
2900	2.874	2.632	34.887	5.48	27.828	27.850	32.502	37.040	41.469	45.794	47.4	2.609	0.573	2939.2
3000	2.853	2.601	34.902	5.58	27.842	27.865	32.517	37.056	41.486	45.812	46.6	2.656	0.817	3041.3
3200	2.353	2.091	34.847	5.38	27.842	27.864	32.531	37.084	41.528	45.867	44.0	2.747	0.868	3245.7
3400	1.806	1.537	34.779	5.00	27.832	27.852	32.535	37.104	41.564	45.917	41.4	2.832	0.788	3450.2
3600	1.380	1.101	34.748	4.91	27.838	27.857	32.553	37.135	41.606	45.971	37.9	2.912	0.788	3655.0
3800	1.022	0.731	34.722	4.84	27.842	27.860	32.568	37.160	41.641	46.016	34.7	2.984	0.898	3859.9
4000	0.649	0.347	34.700	4.85	27.848	27.866	32.584	37.188	41.680	46.066	30.9	3.051	1.058	4065.1
4200	0.377	0.062	34.684	4.95	27.851	27.868	32.596	37.208	41.708	46.101	28.0	3.110	0.767	4270.4
4400	0.191	-0.141	34.675	5.01	27.854	27.872	32.605	37.223	41.729	46.128	25.8	3.163	0.504	4475.9
4566	0.165	-0.184	34.674	5.00	27.855	27.873	32.608	37.227	41.734	46.134	25.4	3.205	0.523	4647.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
0	19.571	19.571	35.955	5.34	1.9	0.16	0.10	0.01	25.619	25.619	34.090	42.178	0.	
44	17.974	17.966	35.875	5.45	1.3	0.18	0.00	0.02	25.964	25.966	34.489	42.625	45.	
95	16.436	16.420	35.809	5.25	1.9	0.30	1.80	0.15	26.284	26.288	34.863	43.049	96.	
184	15.750	15.720	35.796	5.25	2.2	0.40	3.50	0.03	26.433	26.440	35.039	43.247	186.	
294	15.126	15.081	35.225	5.43	2.2	0.40	3.50	0.02	26.134	26.144	34.774	43.010	296.	B1
490	12.292	12.225	35.220	5.21	4.0	0.84	10.60	0.01	26.721	26.734	35.471	43.807	495.	
683	6.484	6.421	34.392	5.36	11.2	1.64	23.60	0.00	27.031	27.039	36.043	44.625	690.	
890	4.246	4.178	34.213	6.02	15.7	1.83	26.20	0.00	27.157	27.164	36.283	44.972	899.	
987	3.909	3.835	34.222	5.83	20.3	1.93	27.70	0.00	27.199	27.206	36.343	45.048	997.	
1175	3.322	3.237	34.257	5.36	30.7	2.09	30.30	0.00	27.284	27.292	36.460	45.195	1188.	
1372	2.963	2.865	34.357	4.75	45.7	2.26	32.60	0.00	27.397	27.406	36.592	45.344	1387.	
1579	2.839	2.725	34.462	4.35	56.4	2.30	33.40	0.00	27.492	27.502	36.694	45.451	1598.	B8
1780	2.804	2.673	34.575	4.23	62.3	2.25	32.70	0.00	27.585	27.597	36.790	45.548	1801.	
1982	2.904	2.753	34.677	4.35	60.7	2.12	30.70	0.00	27.658	27.671	36.858	45.610	2007.	
2225	3.006	2.830	34.780	4.73	53.5	1.90	27.70	0.00	27.731	27.747	36.928	45.674	2254.	
2469	3.071	2.870	34.853	5.11	45.4	1.68	24.60	0.00	27.783	27.801	36.979	45.722	2502.	
2705	3.034	2.810	34.897	5.42	38.6	1.52	22.40	0.00	27.821	27.842	37.022	45.768	2744.	D1
2953	2.928	2.679	34.916	5.63	35.9	1.46	21.70	0.00	27.846	27.869	37.056	45.808	2997.	D1
3197	2.317	2.056	34.843	5.27	60.3	1.69	24.90	0.00	27.841	27.863	37.085	45.870	3246.	
3447	1.699	1.427	34.771	4.89	88.2	1.98	28.90	0.00	27.833	27.853	37.112	45.931	3502.	
3684	1.204	0.920	34.733	4.88	104.7	2.13	30.80	0.00	27.838	27.857	37.146	45.992	3744.	
3917	0.801	0.503	34.709	4.93	112.3	2.20	31.50	0.00	27.846	27.864	37.177	46.046	3984.	
4397	0.190			5.14	99.4	2.13	30.20	0.00					4477.	B456
4560	0.166	-0.183	34.671	5.14	126.5	2.30	32.60	0.00	27.852	27.870	37.224	46.132	4645.	

SHIP AT CRUISE 107 STATION 12
START 38 19 S 50 47.44 W AT 1924 79/12/13
WIND = 19M/S COR. DEPTH = 4960M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	19.589	19.589	35.882	5.24	25.559	25.559	29.845	34.030	38.120	42.118	243.3	0.000	0.000	-0
10	19.376	19.374	35.881	5.34	25.614	25.614	29.903	34.092	38.185	42.186	238.5	0.024	4.155	10.1
20	19.211	19.207	35.880	5.36	25.656	25.656	29.948	34.140	38.235	42.239	234.9	0.048	3.654	20.1
30	18.695	18.690	35.874	5.39	25.782	25.784	30.084	34.283	38.387	42.398	223.1	0.071	6.327	30.2
40	18.068	18.061	35.865	5.41	25.933	25.935	30.246	34.455	38.568	42.588	209.1	0.092	6.901	40.2
50	17.974	17.966	35.866	5.37	25.957	25.959	30.272	34.482	38.597	42.619	207.2	0.113	2.768	50.3
60	17.705	17.695	35.852	5.32	26.013	26.015	30.332	34.547	38.666	42.692	202.3	0.134	4.193	60.3
70	17.338	17.326	35.861	5.26	26.109	26.112	30.435	34.656	38.780	42.812	193.4	0.153	5.528	70.4
80	17.070	17.057	35.835	5.13	26.154	26.157	30.485	34.710	38.839	42.875	189.5	0.172	3.767	80.5
90	17.174	17.159	35.946	5.00	26.214	26.218	30.543	34.766	38.893	42.927	184.1	0.191	4.356	90.5
100	17.253	17.236	36.017	4.92	26.249	26.253	30.577	34.798	38.923	42.955	181.1	0.209	3.329	100.6
120	16.853	16.833	35.948	4.87	26.293	26.297	30.628	34.857	38.988	43.027	177.6	0.245	2.650	120.7
140	16.059	16.036	35.766	4.93	26.339	26.344	30.689	34.933	39.078	43.131	173.8	0.280	2.760	140.9
160	15.942	15.917	35.787	4.99	26.382	26.388	30.735	34.981	39.128	43.182	170.3	0.315	2.629	161.0
180	15.770	15.742	35.777	5.07	26.413	26.420	30.771	35.019	39.169	43.226	167.9	0.349	2.266	181.1
200	15.669	15.638	35.772	5.09	26.433	26.440	30.793	35.043	39.195	43.254	166.6	0.382	1.795	201.3
220	15.502	15.468	35.768	5.15	26.468	26.475	30.831	35.084	39.239	43.301	163.9	0.415	2.369	221.4
240	15.102	15.065	35.682	5.17	26.491	26.499	30.863	35.123	39.286	43.354	162.2	0.448	2.003	241.5
260	15.075	15.035	35.684	5.19	26.499	26.508	30.872	35.133	39.296	43.365	162.1	0.480	1.157	261.7
280	15.052	15.009	35.690	5.29	26.509	26.518	30.883	35.144	39.307	43.377	161.7	0.513	1.298	281.8
300	15.029	14.983	35.705	5.30	26.525	26.535	30.900	35.162	39.326	43.395	160.7	0.545	1.642	302.0
320	14.965	14.916	35.697	5.33	26.533	26.544	30.910	35.173	39.338	43.409	160.6	0.577	1.180	322.1
340	15.005	14.952	35.713	5.34	26.537	26.548	30.914	35.176	39.340	43.410	160.8	0.609	8.06	342.3
360	14.783	14.728	35.662	5.42	26.546	26.558	30.928	35.195	39.363	43.437	160.4	0.641	1.338	362.4
380	14.238	14.182	35.537	5.43	26.567	26.580	30.961	35.238	39.416	43.500	159.7	0.673	2.003	382.6
400	13.740	13.682	35.436	5.35	26.595	26.608	30.999	35.286	39.474	43.567	156.3	0.705	2.240	402.7
450	12.920	12.857	35.296	5.38	26.656	26.668	31.076	35.380	39.583	43.692	151.4	0.782	2.060	453.2
500	11.892	11.826	35.119	5.51	26.719	26.732	31.162	35.487	39.711	43.839	145.8	0.856	2.156	503.6
550	10.529	10.461	34.884	5.47	26.788	26.800	31.260	35.614	39.866	44.021	139.1	0.927	2.294	554.0
600	8.442	8.377	34.569	5.65	26.888	26.898	31.407	35.807	40.104	44.302	128.3	0.994	2.809	604.5
650	7.167	7.103	34.402	5.88	26.946	26.955	31.495	35.925	40.251	44.477	122.0	1.056	2.186	654.9
700	6.544	6.479	34.388	5.79	27.019	27.028	31.584	36.029	40.369	44.609	114.9	1.116	2.290	705.4
750	5.335	5.272	34.251	6.06	27.064	27.072	31.659	36.134	40.504	44.771	109.4	1.172	2.044	755.9
800	4.971	4.906	34.236	6.11	27.095	27.102	31.698	36.183	40.561	44.837	106.4	1.226	1.535	806.4
900	4.340	4.270	34.209	6.19	27.143	27.151	31.764	36.265	40.659	44.950	101.6	1.329	1.201	907.5
1000	3.904	3.829	34.205	6.13	27.186	27.194	31.819	36.331	40.736	45.037	97.5	1.429	1.378	1008.6
1100	3.528	3.447	34.213	5.93	27.229	27.237	31.872	36.394	40.808	45.119	93.2	1.524	1.317	1109.8
1200	3.230	3.144	34.230	5.77	27.272	27.280	31.923	36.453	40.874	45.192	89.2	1.616	1.404	1211.0
1300	3.010	2.918	34.274	5.49	27.327	27.335	31.984	36.520	40.947	45.270	84.0	1.702	1.310	1312.3
1400	2.898	2.799	34.328	5.16	27.380	27.389	32.041	36.579	41.009	45.334	79.3	1.784	1.385	1413.6
1484	2.875	2.769	34.375	4.93	27.420	27.429	32.081	36.620	41.050	45.376	76.1	1.849	1.183	1499.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	19.657	19.657	35.920	5.36	1.5	0.16	0.00	0.00	25.570	25.570	34.039	42.124	1.	
25	19.145	19.141	35.904	5.41	1.3	0.16	0.00	0.00	25.691	25.692	34.177	42.277	26.	B1
56	17.984	17.974	35.866	5.48	1.3	0.19	0.00	0.00	25.955	25.957	34.480	42.616	57.	B9
98	17.253	17.237	36.013	4.95	1.8	0.31	2.60	0.02	26.246	26.250	34.795	42.952	99.	
146	15.964	15.941	35.789	5.17	2.1	0.37	3.10	0.02	26.378	26.384	34.976	43.177	148.	
196	15.491	15.460	35.739	5.14	2.4	0.45	4.30	0.01	26.448	26.455	35.064	43.281	198.	
291	15.038	14.993	35.704	5.35	2.3	0.45	4.20	0.01	26.522	26.532	35.159	43.392	294.	
396	13.562	13.505	35.400	5.06	3.3	0.69	8.20	0.00	26.604	26.616	35.302	43.589	400.	
490	12.761	12.692	35.340	5.28	3.6	0.75	8.90	0.00	26.721	26.735	35.452	43.770	494.	B1
640	7.393	7.329	34.432	5.56	7.9	1.48	20.50	0.00	26.937	26.946	35.906	44.447	646.	
789	5.016	4.951	34.245	6.07	12.0	1.70	24.10	0.00	27.097	27.104	36.183	44.835	797.	
987	4.385	4.316	34.216	6.17	14.4	1.77	25.20	0.00	27.144	27.152	36.263	44.945	896.	B8
983	4.036	3.961	34.204	6.14	16.9	1.85	26.40	0.00	27.171	27.179	36.309	45.009	994.	
1079	3.703	3.623	34.223	5.83	22.5	1.96	28.10	0.00	27.220	27.228	36.376	45.092	1090.	
1278	3.094	3.003	34.276	5.34	33.9	2.12	30.60	0.00	27.321	27.329	36.509	45.255	1292.	
1483	2.875	2.769	34.374	4.68	48.9	2.27	33.00	0.00	27.419	27.428	36.619	45.375	1500.	

SHIP AT CRUISE 107 STATION 13
START 37 59.20 S 50 8.89 W AT 2320 79/12/14
WIND = 12M/S COR. DEPTH = 5083M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	19.042	19.042	35.873	4.40	25.693	25.693	29.988	34.182	38.280	42.286	230.5	0.000	0.000	- 0
10	19.025	19.023	35.872	5.36	25.697	25.697	29.993	34.187	38.285	42.291	230.6	0.023	1.118	10.1
20	17.821	17.817	35.840	5.57	25.976	25.976	30.291	34.504	38.621	42.645	204.4	0.045	9.363	20.1
30	17.440	17.435	35.816	5.66	26.050	26.051	30.373	34.592	38.715	42.746	197.7	0.065	4.858	30.2
40	17.317	17.310	35.809	5.66	26.075	26.077	30.400	34.622	38.747	42.779	195.7	0.085	2.814	40.2
50	17.189	17.181	35.786	5.61	26.088	26.090	30.416	34.640	38.767	42.801	194.7	0.104	2.066	50.3
60	17.078	17.068	35.804	5.50	26.128	26.130	30.458	34.684	38.812	42.849	191.3	0.123	3.565	60.3
70	16.951	16.940	35.878	5.37	26.216	26.218	30.548	34.775	38.905	42.943	183.3	0.142	5.259	70.4
80	17.039	17.026	35.951	5.16	26.250	26.254	30.581	34.806	38.935	42.971	180.3	0.160	3.317	80.5
90	16.768	16.753	35.900	5.06	26.276	26.279	30.612	34.842	38.975	43.015	178.2	0.178	2.862	90.5
100	16.434	16.417	35.831	5.09	26.302	26.306	30.644	34.880	39.020	43.066	176.0	0.196	2.898	100.6
120	16.145	16.126	35.823	5.18	26.363	26.367	30.711	34.952	39.096	43.147	170.8	0.231	3.126	120.7
140	15.972	15.949	35.819	5.10	26.400	26.405	30.752	34.996	39.143	43.196	167.9	0.265	2.444	140.8
160	15.830	15.805	35.789	5.05	26.409	26.415	30.764	35.011	39.161	43.217	167.7	0.298	1.262	161.0
180	15.281	15.253	35.661	4.96	26.435	26.442	30.802	35.059	39.218	43.284	165.7	0.331	2.119	181.1
200	15.006	14.975	35.612	4.93	26.459	26.466	30.831	35.094	39.258	43.329	164.0	0.364	1.980	201.2
220	14.791	14.757	35.580	4.97	26.481	26.489	30.859	35.125	39.293	43.368	162.4	0.397	1.934	221.4
240	14.937	14.900	35.653	4.99	26.505	26.514	30.880	35.144	39.309	43.381	160.7	0.429	1.951	241.5
260	15.026	14.986	35.699	5.25	26.521	26.530	30.895	35.156	39.320	43.390	159.9	0.461	1.566	261.6
280	14.782	14.740	35.641	5.22	26.530	26.539	30.909	35.176	39.344	43.418	159.6	0.493	1.305	281.8
300	14.740	14.695	35.635	5.22	26.550	26.560	30.931	35.198	39.367	43.442	158.2	0.525	1.826	301.9
320	14.679	14.631	35.652	5.28	26.562	26.572	30.944	35.212	39.382	43.458	157.7	0.557	1.380	322.1
340	14.551	14.500	35.630	5.31	26.572	26.583	30.957	35.228	39.400	43.478	157.3	0.588	1.346	342.2
360	14.434	14.380	35.621	5.31	26.590	26.602	30.979	35.252	39.426	43.507	156.0	0.620	1.770	362.4
380	14.189	14.133	35.565	5.33	26.600	26.612	30.994	35.272	39.451	43.535	155.6	0.651	1.360	382.5
400	13.955	13.896	35.521	5.31	26.616	26.628	31.015	35.297	39.481	43.570	154.5	0.682	1.690	402.7
450	13.269	13.205	35.413	5.39	26.675	26.688	31.088	35.384	39.581	43.682	149.8	0.758	2.022	453.1
500	13.102	13.031	35.404	5.54	26.702	26.716	31.121	35.420	39.619	43.724	148.5	0.832	1.379	503.5
550	11.197	11.127	35.008	5.54	26.764	26.776	31.222	35.561	39.799	43.941	142.1	0.905	2.266	553.9
600	8.972	8.905	34.639	5.44	26.860	26.870	31.367	35.755	40.040	44.227	131.6	0.973	2.780	604.4
650	7.594	7.528	34.467	5.52	26.935	26.945	31.475	35.895	40.211	44.427	123.6	1.037	2.444	654.8
700	6.438	6.374	34.350	5.63	27.003	27.012	31.570	36.018	40.361	44.603	116.3	1.097	2.326	705.3
750	5.412	5.348	34.265	5.92	27.066	27.074	31.658	36.132	40.499	44.765	109.3	1.154	2.252	755.8
800	5.045	4.979	34.239	5.97	27.089	27.097	31.691	36.174	40.550	44.824	107.1	1.208	1.380	806.3
900	4.404	4.334	34.207	6.14	27.135	27.143	31.754	36.254	40.646	44.935	102.5	1.312	1.341	907.3
1000	4.005	3.929	34.210	6.16	27.180	27.187	31.809	36.319	40.721	45.020	98.3	1.413	1.332	1008.4
1100	3.552	3.471	34.214	5.98	27.229	27.236	31.871	36.392	40.806	45.116	93.4	1.508	1.254	1109.6
1200	3.151	3.065	34.242	5.72	27.288	27.296	31.941	36.474	40.897	45.217	87.4	1.599	1.538	1210.8
1300	2.820	2.730	34.277	5.42	27.347	27.354	32.009	36.549	40.981	45.309	81.6	1.683	1.044	1312.1
1400	2.784	2.686	34.298	5.24	27.366	27.375	32.030	36.572	41.004	45.333	80.2	1.764	800	1413.4
1500	2.839	2.732	34.377	4.95	27.425	27.434	32.087	36.627	41.058	45.385	75.6	1.842	1.637	1514.7
1600	2.811	2.696	34.462	4.57	27.495	27.505	32.158	36.698	41.130	45.457	69.6	1.915	1.461	1616.2
1700	2.825	2.701	34.524	4.37	27.543	27.554	32.207	36.747	41.177	45.503	65.8	1.982	1.181	1717.6
1800	2.890	2.756	34.594	4.26	27.593	27.605	32.256	36.793	41.222	45.546	62.2	2.046	1.268	1819.2
1900	2.936	2.792	34.650	4.32	27.633	27.646	32.296	36.831	41.259	45.582	59.3	2.107	1.241	1920.7
2000	2.982	2.828	34.698	4.38	27.667	27.681	32.330	36.864	41.290	45.612	57.0	2.165	913	2022.3
2100	3.040	2.876	34.738	4.45	27.694	27.709	32.355	36.888	41.313	45.633	55.6	2.222	902	2124.0
2200	3.037	2.864	34.770	4.58	27.720	27.736	32.382	36.915	41.340	45.660	53.8	2.277	956	2225.7
2300	3.032	2.849	34.806	4.69	27.749	27.765	32.412	36.945	41.370	45.690	51.8	2.329	997	2327.5
2400	3.037	2.844	34.835	4.86	27.772	27.789	32.436	36.969	41.393	45.714	50.4	2.381	869	2429.3
2500	3.182	2.975	34.886	5.13	27.798	27.818	32.460	36.989	41.410	45.727	49.5	2.430	675	2531.2
2600	3.179	2.963	34.898	5.38	27.809	27.829	32.472	37.001	41.422	45.739	49.2	2.480	687	2633.1
2700	3.109	2.884	34.904	5.45	27.819	27.840	32.485	37.017	41.440	45.758	48.5	2.529	689	2735.1
2800	2.975	2.741	34.901	5.48	27.830	27.851	32.500	37.035	41.462	45.784	47.3	2.577	826	2837.1
2900	2.735	2.497	34.867	5.32	27.825	27.846	32.501	37.043	41.477	45.805	46.8	2.624	629	2939.2
3000	2.604	2.358	34.854	5.24	27.826	27.847	32.506	37.053	41.489	45.822	46.3	2.670	716	3041.3
3200	2.450	2.186	34.858	5.30	27.842	27.865	32.529	37.080	41.521	45.858	44.7	2.761	648	3245.7
3400	1.818	1.549	34.775	4.92	27.827	27.847	32.531	37.100	41.558	45.912	41.9	2.848	860	3450.2
3600	1.503	1.220	34.751	4.87	27.832	27.852	32.545	37.123	41.591	45.953	39.5	2.929	642	3655.0
3800	1.210	0.913	34.733	4.85	27.838	27.858	32.560	37.147	41.623	45.993	36.8	3.006	743	3859.9
4000	0.867	0.559	34.713	4.87	27.844	27.864	32.576	37.173	41.659	46.039	33.3	3.076	863	4065.1
4200	0.568	0.247	34.694	4.94	27.848	27.867	32.589	37.195	41.690	46.078	30.2	3.140	866	4270.4
4400	0.383	0.045	34.685	4.99	27.852	27.870	32.598	37.210	41.711	46.105	28.1	3.198	677	4475.9
4600	0.275	- 0.082	34.680	5.07	27.853	27.872	32.604	37.220	41.724	46.122	26.8	3.253	447	4681.6
4800	0.228	- 0.150	34.677	5.12	27.854	27.874	32.608	37.225	41.732	46.131	26.2	3.305	387	4887.5
5000	0.209	- 0.192	34.674	5.12	27.853	27.873	32.609	37.228	41.735	46.136	26.1	3.358	345	5093.6
5082	0.201	- 0.210	34.674	5.09	27.853	27.874	32.610	37.230	41.738	46.138	26.0	3.379	437	5179.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	19.024	19.024	35.878	5.37	1.0	0.17	0.00	0.01	25.702	25.702	34.191	42.295	0.	
40	17.326	17.319	35.828	5.50	0.7	0.18	0.00	0.01	26.087	26.089	34.633	42.790	41.	
94	16.462	16.447	35.805	5.28	2.0	0.34	1.50	0.28	26.275	26.279	34.853	43.037	95.	
201	15.348	15.316	35.708	5.01	2.6	0.50	4.90	0.02	26.456	26.463	35.078	43.301	203.	
294	14.565	14.521	35.583	5.11	2.8	0.57	6.00	0.01	26.533	26.542	35.188	43.438	297.	
492	13.225	13.155	35.421	5.55	3.4	0.69	7.90	0.01	26.690	26.704	35.403	43.702	496.	
688	6.764	6.698	34.381	5.52	10.1	1.57	22.10	0.00	26.984	26.993	35.984	44.554	695.	
886	4.523	4.453	34.213	6.16	14.1	1.76	25.00	0.00	27.127	27.134	36.239	44.915	895.	
982	4.033	3.958	34.204	6.22	17.1	1.84	26.20	0.00	27.172	27.180	36.310	45.010	992.	
1177	3.189	3.105	34.222	5.70	29.3	2.04	29.40	0.00	27.269	27.277	36.452	45.194	1190.	B8
1378	2.833	2.736	34.300	5.11	43.3	2.20	31.80	0.00	27.364	27.372	36.566	45.325	1393.	
1578	2.822	2.708	34.430	5.61	55.9	2.30	33.30	0.00	27.468	27.478	36.672	45.430	1596.	B2
1768	2.854	2.724	34.571	4.25	61.5	2.24	32.50	0.00	27.578	27.589	36.780	45.535	1789.	
1964	2.961	2.811	34.674	4.40	59.0	2.10	30.40	0.00	27.650	27.664	36.848	45.597	1989.	
2209	3.066	2.891	34.787	4.75	52.9	1.88	27.40	0.00	27.731	27.747	36.924	45.668	2238.	
2458	3.126	2.925	34.869	5.23	43.0	1.67	24.00	0.00	27.790	27.809	36.984	45.724	2492.	
2705	3.139	2.912	34.889	5.44	34.6	1.49	21.80	0.00	27.805	27.826	37.001	45.742	2743.	B1
2954	2.642	2.399	34.863	5.28	53.2	1.67	24.40	0.00	27.830	27.851	37.054	45.821	2997.	
3194	2.330	2.069	34.834	5.15	63.4	1.74	25.40	0.00	27.833	27.855	37.077	45.861	3244.	
3432	1.719	1.448	34.766	4.84	88.7	1.99	28.80	0.00	27.828	27.848	37.105	45.923	3487.	
3686	1.376	1.087	34.741	4.84	102.7	2.11	30.30	0.00	27.833	27.853	37.131	45.969	3747.	
3933	0.974	0.670	34.715	4.92	110.5	2.16	31.00	0.00	27.839	27.859	37.162	46.022	4000.	
4426	0.362	0.022	34.690	5.06	120.6	2.24	31.90	0.00	27.857	27.875	37.217	46.112	4507.	D1
5051	0.199	-0.209	34.678	5.13	124.1	2.26	32.20	0.00	27.856	27.877	37.233	46.141	5151.	

SHIP AT CRUISE 107 STATION 14
START 37 57.28 S 49 31.95 W AT 530 79/12/14
WIND = 13M/S COR. DEPTH = 5214M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	19.089	19.089	35.757	- .00	25.593	25.593	29.887	34.081	38.179	42.185	240.1	0.000	0.000	- .0
10	19.235	19.233	36.310	- .00	25.977	25.978	30.267	34.455	38.547	42.548	203.9	.022	10.961	10.1
20	19.228	19.225	36.285	- .00	25.960	25.961	30.250	34.438	38.531	42.532	205.9	.043	-2.301	20.1
30	19.152	19.146	36.240	- .00	25.945	25.947	30.237	34.427	38.522	42.524	207.7	.063	-2.107	30.2
40	18.939	18.931	36.209	- .00	25.977	25.978	30.273	34.466	38.564	42.570	205.1	.084	-3.166	40.2
50	18.810	18.801	36.143	- .00	25.959	25.961	30.258	34.454	38.554	42.562	207.1	.105	-2.318	50.3
60	18.661	18.650	36.120	- .00	25.980	25.982	30.282	34.480	38.582	42.593	205.5	.125	-2.576	60.3
70	18.485	18.473	36.023	- .00	25.950	25.953	30.256	34.457	38.563	42.577	209.6	.146	-3.024	70.4
80	18.320	18.306	35.909	- .00	25.904	25.907	30.214	34.419	38.527	42.545	213.3	.167	-3.771	80.5
90	18.111	18.096	35.940	- .00	25.980	25.984	30.293	34.501	38.613	42.633	206.5	.188	4.898	90.5
100	17.880	17.863	35.991	- .00	26.076	26.080	30.393	34.605	38.720	42.743	197.6	.208	5.323	100.6
120	17.775	17.755	35.899	- .00	26.032	26.037	30.352	34.566	38.683	42.709	202.5	.248	-2.604	120.7
140	17.420	17.396	36.005	- .00	26.199	26.205	30.526	34.745	38.867	42.897	187.2	.287	5.148	140.8
160	17.221	17.194	35.871	- .00	26.145	26.152	30.477	34.700	38.826	42.860	193.0	.325	-2.885	160.9
180	16.895	16.865	35.906	- .00	26.250	26.258	30.588	34.817	38.948	42.986	183.6	.363	4.096	181.1
200	16.704	16.671	35.890	- .00	26.283	26.291	30.625	34.857	38.991	43.033	181.1	.399	2.308	201.2
220	16.357	16.321	35.910	- .00	26.380	26.389	30.729	34.966	39.106	43.153	172.5	.435	3.942	221.3
240	16.077	16.038	35.895	- .00	26.434	26.443	30.788	35.030	39.175	43.226	167.9	.469	2.941	241.5
260	14.739	14.699	35.566	4.98	26.482	26.490	30.862	35.129	39.299	43.374	163.5	.502	2.913	261.6
280	14.630	14.587	35.559	5.01	26.500	26.509	30.882	35.152	39.323	43.401	162.3	.535	1.740	281.7
300	14.492	14.447	35.549	5.07	26.523	26.532	30.908	35.181	39.355	43.434	160.7	.567	1.945	301.9
320	14.524	14.476	35.585	5.13	26.543	26.554	30.929	35.201	39.373	43.452	159.3	.599	1.820	322.0
340	14.179	14.129	35.505	5.15	26.556	26.566	30.949	35.227	39.407	43.492	158.6	.631	1.519	342.2
360	13.412	13.361	35.330	5.06	26.581	26.592	30.990	35.284	39.478	43.577	156.3	.662	2.206	362.3
380	13.076	13.022	35.271	4.98	26.604	26.615	31.020	35.321	39.521	43.627	154.4	.693	2.013	382.5
400	12.784	12.728	35.220	4.96	26.624	26.635	31.046	35.353	39.559	43.670	152.9	.724	1.881	402.6
450	13.180	13.116	35.417	5.32	26.696	26.709	31.111	35.409	39.607	43.710	147.7	.799	2.094	453.1
500	12.485	12.416	35.266	5.46	26.718	26.732	31.149	35.461	39.673	43.789	146.4	.873	1.370	503.5
550	9.861	9.796	34.777	5.44	26.821	26.831	31.307	35.675	39.941	44.110	135.3	.943	2.858	553.9
600	8.629	8.564	34.613	5.36	26.893	26.903	31.408	35.804	40.097	44.291	128.1	1.009	2.354	604.4
650	7.513	7.448	34.497	5.31	26.971	26.980	31.512	35.933	40.251	44.469	120.2	1.071	2.422	654.8
700	6.546	6.481	34.400	5.42	27.029	27.037	31.593	36.038	40.378	44.617	114.1	1.129	2.147	705.3
750	5.204	5.141	34.243	5.80	27.073	27.081	31.671	36.150	40.522	44.792	108.3	1.185	2.071	755.8
800	4.868	4.803	34.230	5.96	27.102	27.109	31.708	36.196	40.576	44.854	105.6	1.239	1.489	806.3
900	4.187	4.118	34.195	6.08	27.148	27.156	31.773	36.278	40.675	44.970	100.8	1.341	1.195	907.3
1000	3.800	3.725	34.197	6.00	27.190	27.197	31.825	36.340	40.747	45.051	96.9	1.440	1.249	1008.4
1100	3.486	3.406	34.205	5.87	27.227	27.235	31.871	36.395	40.810	45.121	93.3	1.535	1.160	1109.6
1200	3.145	3.060	34.231	5.62	27.280	27.288	31.934	36.466	40.890	45.210	88.1	1.626	1.412	1210.8
1300	2.970	2.879	34.284	5.28	27.339	27.347	31.997	36.533	40.961	45.285	82.8	1.711	1.342	1312.0
1400	2.888	2.789	34.350	4.95	27.399	27.407	32.059	36.598	41.028	45.353	77.6	1.792	1.462	1413.3
1486	2.826	2.721	34.404	4.67	27.447	27.456	32.110	36.650	41.081	45.408	73.4	1.857	1.289	1501.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
2	19.171	19.170	35.904	5.34	1.2	0.15	0.00	0.00	25.684	25.684	34.168	42.268	2.	
27	18.375	18.370	35.881	5.50	1.0	0.15	0.00	0.00	25.869	25.870	34.380	42.504	28.	
57	17.594	17.584	35.891	5.39	0.9	0.20	0.10	0.06	26.070	26.072	34.608	42.755	58.	
99	16.771	16.755	35.918	4.98	1.6	0.34	2.80	0.06	26.289	26.293	34.855	43.029	101.	
147	16.260	16.236	35.840	5.33	1.5	0.27	1.70	0.29	26.349	26.355	34.936	43.127	149.	
193	15.761	15.730	35.778	5.05	1.8	0.42	4.20	0.02	26.417	26.424	35.023	43.231	195.	
293	14.527	14.482	35.541	4.98	2.4	0.59	6.60	0.01	26.509	26.518	35.166	43.418	296.	
394	12.945	12.890	35.258	4.83	3.6	0.81	10.10	0.00	26.621	26.632	35.343	43.654	398.	
490	13.023	12.954	35.394	5.33	2.9	0.69	8.10	0.01	26.710	26.724	35.431	43.738	495.	B1
636	7.715	7.650	34.502	5.26	8.7	1.50	21.00	0.00	26.945	26.955	35.898	44.425	643.	
787	4.889	4.825	34.229	6.14	11.5	1.69	24.40	0.00	27.099	27.106	36.191	44.849	795.	
892	4.259	4.190	34.211	6.18	14.1	1.76	25.30	0.00	27.154	27.161	36.279	44.968	901.	B8
987	3.839	3.765	34.201	6.06	18.1	1.89	26.80	0.00	27.189	27.197	36.337	45.047	997.	
1076	3.570	3.491	34.210	5.92	22.1	1.95	27.90	0.00	27.223	27.231	36.386	45.108	1087.	
1281	2.986	2.895	34.299	5.29	34.3	2.10	30.30	0.00	27.349	27.357	36.543	45.293	1296.	B1
1475	2.831	2.726	34.403	4.57	50.8	2.26	32.50	0.00	27.446	27.455	36.648	45.406	1492.	

SHIP AT CRUISE 107 STATION 15
START 38 38 S 48 52.73 W AT 950 79/12/14
WIND = 999M/S COR. DEPTH = 5142M

DE	TE	PT	SA	DX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	19.559	19.559	35.873	5.20	25.560	25.560	29.846	34.032	38.122	42.121	243.3	0.000	0.000	-0
10	19.558	19.557	35.877	5.43	25.563	25.563	29.850	34.035	38.126	42.124	243.3	0.024	0.054	10.1
20	19.169	19.165	35.890	5.57	25.674	25.675	29.967	34.159	38.255	42.259	233.1	0.048	5.924	20.1
30	19.357	19.351	36.101	5.46	25.786	25.788	30.076	34.264	38.356	42.356	222.8	0.071	5.957	30.2
40	18.800	18.793	35.988	5.44	25.843	25.845	30.143	34.340	38.441	42.450	217.7	0.093	4.256	40.2
50	18.220	18.212	35.904	5.41	25.926	25.928	30.236	34.442	38.553	42.571	210.2	0.114	5.100	50.3
60	18.124	18.114	35.982	5.32	26.009	26.011	30.320	34.528	38.639	42.658	202.7	0.135	5.121	60.3
70	17.888	17.876	35.976	5.26	26.063	26.066	30.379	34.590	38.705	42.728	197.9	0.155	4.156	70.4
80	17.643	17.629	35.920	5.23	26.080	26.084	30.401	34.617	38.736	42.763	196.5	0.175	2.374	80.5
90	17.590	17.574	35.916	5.22	26.090	26.094	30.412	34.629	38.749	42.776	196.0	0.194	1.781	90.5
100	17.173	17.156	35.899	5.21	26.179	26.183	30.508	34.732	38.859	42.893	187.8	0.214	5.309	100.6
120	16.632	16.612	35.822	5.14	26.248	26.253	30.588	34.821	38.957	43.000	181.8	0.251	2.331	120.7
140	16.804	16.781	35.936	4.85	26.295	26.300	30.632	34.862	38.994	43.034	178.1	0.287	2.722	140.8
160	16.303	16.277	35.815	4.86	26.320	26.326	30.667	34.906	39.047	43.096	176.2	0.322	2.058	161.0
180	16.171	16.142	35.834	5.13	26.365	26.372	30.715	34.956	39.099	43.150	172.6	0.357	2.699	181.1
200	15.892	15.860	35.773	5.10	26.383	26.391	30.739	34.986	39.134	43.189	171.4	0.391	1.753	201.2
220	15.657	15.622	35.749	4.93	26.418	26.426	30.779	35.029	39.182	43.241	168.7	0.425	2.382	221.4
240	15.687	15.649	35.796	4.94	26.447	26.456	30.808	35.058	39.210	43.268	166.5	0.459	2.163	241.5
260	15.612	15.571	35.786	5.01	26.457	26.466	30.820	35.071	39.224	43.284	166.2	0.492	1.288	261.7
280	15.321	15.277	35.733	5.04	26.481	26.491	30.850	35.107	39.265	43.330	164.4	0.525	2.039	281.8
300	15.089	15.043	35.700	5.09	26.508	26.518	30.882	35.143	39.305	43.374	162.4	0.558	2.106	301.9
320	14.871	14.822	35.658	5.11	26.524	26.535	30.903	35.168	39.334	43.407	161.4	0.590	1.671	322.1
340	14.838	14.786	35.659	5.13	26.531	26.543	30.912	35.177	39.344	43.418	161.2	0.622	1.152	342.3
360	14.548	14.493	35.600	5.12	26.550	26.562	30.936	35.208	39.380	43.459	159.9	0.655	1.807	362.4
380	14.136	14.079	35.511	5.09	26.569	26.581	30.964	35.244	39.424	43.510	158.4	0.686	1.887	382.6
400	13.734	13.676	35.431	5.04	26.593	26.605	30.996	35.284	39.471	43.565	156.5	0.718	2.058	402.7
450	13.028	12.965	35.313	5.04	26.647	26.660	31.066	35.367	39.568	43.675	152.2	0.795	1.952	453.2
500	12.084	12.017	35.144	5.16	26.702	26.715	31.141	35.462	39.682	43.806	147.5	0.870	2.020	503.6
550	10.196	10.130	34.810	5.27	26.788	26.800	31.268	35.629	39.888	44.050	138.7	0.942	2.584	554.0
600	8.462	8.398	34.556	5.38	26.875	26.885	31.394	35.794	40.090	44.288	129.5	1.009	2.610	604.5
650	7.095	7.032	34.413	5.50	26.964	26.973	31.514	35.947	40.274	44.502	120.2	1.071	2.605	654.9
700	5.898	5.837	34.302	5.74	27.035	27.043	31.615	36.077	40.432	44.687	112.4	1.129	2.388	705.4
750	5.194	5.132	34.241	5.88	27.073	27.080	31.671	36.150	40.522	44.793	108.3	1.184	1.775	755.9
800	4.803	4.739	34.222	6.03	27.103	27.110	31.711	36.200	40.582	44.862	105.3	1.238	1.540	806.4
900	4.147	4.078	34.188	6.27	27.147	27.154	31.773	36.279	40.677	44.973	100.8	1.341	1.321	907.5
1000	3.762	3.688	34.196	6.28	27.193	27.201	31.830	36.345	40.754	45.058	96.4	1.440	1.420	1008.6
1100	3.449	3.369	34.217	5.97	27.241	27.248	31.885	36.410	40.826	45.138	92.0	1.534	1.302	1109.8
1200	3.230	3.144	34.249	5.71	27.287	27.295	31.938	36.468	40.889	45.207	87.8	1.624	1.201	1211.0
1300	3.051	2.959	34.306	5.37	27.349	27.357	32.005	36.540	40.965	45.287	82.1	1.709	1.475	1312.3
1400	2.947	2.847	34.364	5.08	27.405	27.414	32.064	36.601	41.029	45.353	77.2	1.788	1.375	1413.6
1500	2.879	2.772	34.428	4.82	27.461	27.471	32.123	36.661	41.091	45.416	72.4	1.863	1.450	1515.0
1600	2.835	2.719	34.483	4.59	27.509	27.520	32.172	36.712	41.142	45.469	68.4	1.934	1.326	1616.4
1700	2.773	2.650	34.536	4.46	27.557	27.568	32.222	36.763	41.195	45.522	64.3	2.000	1.247	1717.9
1800	2.738	2.607	34.582	4.37	27.597	27.608	32.264	36.805	41.238	45.566	61.1	2.063	1.080	1819.4
1900	2.627	2.488	34.607	4.27	27.627	27.639	32.297	36.841	41.277	45.608	58.5	2.123	1.074	1921.0
2000	2.709	2.560	34.662	4.32	27.663	27.676	32.332	36.874	41.307	45.636	56.1	2.180	1.006	2022.7
2100	2.737	2.577	34.697	4.37	27.689	27.703	32.358	36.899	41.332	45.660	54.4	2.235	913	2124.4
2200	2.815	2.645	34.746	4.50	27.721	27.736	32.388	36.927	41.358	45.684	52.5	2.289	989	2226.1
2300	2.924	2.743	34.792	4.70	27.748	27.764	32.413	36.950	41.377	45.700	51.3	2.341	825	2327.9
2400	2.827	2.638	34.799	4.80	27.762	27.779	32.431	36.970	41.400	45.726	50.1	2.391	827	2429.8
2500	2.918	2.717	34.839	4.97	27.786	27.804	32.454	36.991	41.419	45.742	49.0	2.441	714	2531.6
2600	2.897	2.686	34.857	5.22	27.802	27.821	32.472	37.009	41.437	45.762	48.1	2.489	777	2633.6
2700	2.858	2.637	34.864	5.29	27.811	27.831	32.483	37.021	41.451	45.776	47.6	2.537	616	2735.6
2800	2.781	2.552	34.864	5.36	27.818	27.838	32.493	37.033	41.465	45.793	47.1	2.585	642	2837.6
2900	2.693	2.455	34.860	5.39	27.822	27.843	32.500	37.043	41.478	45.808	46.7	2.631	563	2939.7
3000	2.583	2.337	34.854	5.39	27.828	27.849	32.509	37.055	41.493	45.826	46.0	2.678	703	3041.8
3200	2.208	1.949	34.819	5.23	27.831	27.852	32.523	37.081	41.528	45.871	43.9	2.768	774	3246.2
3400	1.808	1.539	34.776	5.04	27.829	27.849	32.533	37.102	41.561	45.915	41.7	2.853	818	3450.8
3600	1.424	1.143	34.740	4.92	27.829	27.848	32.544	37.124	41.594	45.958	39.0	2.934	811	3655.6
3800	1.150	0.855	34.729	4.88	27.838	27.858	32.562	37.150	41.628	46.000	36.2	3.009	849	3860.6
4000	0.896	0.586	34.711	4.92	27.842	27.861	32.573	37.169	41.654	46.033	33.8	3.080	787	4065.8
4200	0.622	0.299	34.696	4.97	27.846	27.865	32.586	37.190	41.684	46.071	30.9	3.144	758	4271.2
4400	0.379	0.041	34.684	5.03	27.851	27.869	32.598	37.210	41.711	46.104	28.1	3.203	702	4476.7
4600	0.275	-0.082	34.678	5.09	27.852	27.871	32.603	37.219	41.723	46.120	26.9	3.258	475	4682.4
4800	0.229	-0.149	34.676	5.14	27.853	27.873	32.607	37.225	41.731	46.130	26.3	3.311	324	4888.4
5000	0.213	-0.188	34.673	5.18	27.852	27.873	32.608	37.227	41.734	46.134	26.2	3.364	256	5094.5
5151	0.210	-0.210	34.674	5.12	27.852	27.874	32.610	37.230	41.738	46.138	26.1	3.404	1.223	5251.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	SO	S2	S4	PR	FLAG
1	19.667	19.667	35.890	5.28	2.0	0.22	0.10	0.00	25.544	25.544	34.013	42.099	1.	
47	18.562	18.553	36.035	5.35	1.7	0.15	0.00	0.01	25.940	25.942	34.444	42.560	47.	
90	17.266	17.251	35.931	5.14	1.8	0.26	1.40	0.21	26.180	26.184	34.730	42.887	91.	
204	15.745	15.713	35.786	5.27	2.3	0.41	3.60	0.01	26.426	26.434	35.034	43.242	207.	B8
289	14.847	14.803	35.634	5.19	2.5	0.51	5.30	0.01	26.511	26.520	35.154	43.395	292.	
492	11.797	11.732	35.097	4.97	5.0	0.96	12.30	0.00	26.721	26.733	35.492	43.847	496.	
687	6.116	6.054	34.324	5.73	10.3	1.62	23.20	0.00	27.025	27.033	36.055	44.655	694.	
891	4.298	4.229	34.204	6.23	14.6	1.79	25.70	0.00	27.144	27.151	36.268	44.954	901.	B89
985	3.853	3.779	34.197	6.07	18.2	1.87	26.90	0.00	27.185	27.192	36.332	45.041	995.	
1179	3.230	3.145	34.262	5.39	31.5	2.10	30.40	0.00	27.297	27.305	36.478	45.216	1192.	
1378	2.967	2.869	34.353	4.78	45.0	2.25	32.60	0.00	27.394	27.403	36.589	45.340	1394.	
1570	2.836	2.723	34.472	4.34	56.6	2.30	33.40	0.00	27.500	27.510	36.702	45.459	1588.	
1773	2.802	2.671	34.578	4.23	62.2	2.25	32.50	0.00	27.588	27.600	36.793	45.550	1795.	
1967	2.647	2.501	34.636	4.19	69.3	2.23	32.70	0.00	27.648	27.661	36.862	45.627	1992.	
2200	2.861	2.690	34.756	4.57	59.3	1.98	28.90	0.00	27.725	27.740	36.929	45.683	2229.	
2462	2.975	2.776	34.843	5.06	48.2	1.71	25.20	0.00	27.784	27.802	36.985	45.733	2496.	
2952	2.645	2.403	34.877	5.26	48.9	1.60	23.60	0.00	27.840	27.861	37.064	45.831	2996.	B1
3196	2.143	1.886	34.889	5.01	63.8	1.73	24.70	0.00	27.893	27.913	37.144	45.937	3246.	B1
3443	1.658			5.01	48.5	1.63	23.30	0.00					3498.	B456
3691	1.334	1.046	34.736	4.82	100.4	2.10	30.10	0.00	27.832	27.851	37.133	45.972	3753.	
3938	0.995	0.689	34.717	4.90	110.5	2.18	31.30	0.00	27.840	27.859	37.161	46.020	4006.	
4426	0.369	0.028	34.684	5.07	118.1	2.24	31.90	0.00	27.852	27.870	37.211	46.107	4507.	
4916	0.218	-0.174	34.684	5.13	111.4	2.19	31.30	0.00	27.860	27.881	37.233	46.140	5012.	B15
5140	0.210	-0.209	34.676	5.13	124.5	2.28	32.50	0.00	27.854	27.876	37.231	46.140	5243.	

SHIP AT CRUISE 107 STATION 16
START 37 56.30 S 48 7.42 W AT 1615 79/12/14
WIND = 17M/S COR. DEPTH = 5134M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	20.569	20.569	35.697	5.10	25.158	25.158	29.430	33.602	37.678	41.664	281.5	0.000	0.000	-0.0
10	20.396	20.394	35.723	5.44	25.224	25.225	29.499	33.674	37.753	41.740	275.5	0.028	4.577	10.1
20	19.978	19.974	36.114	5.58	25.633	25.634	29.913	34.091	38.174	42.165	237.0	0.053	11.341	20.1
30	19.690	19.684	36.256	5.54	25.818	25.819	30.101	34.283	38.369	42.364	219.8	0.076	7.621	30.2
40	19.507	19.500	36.268	5.38	25.874	25.876	30.161	34.345	38.434	42.431	214.8	0.098	4.231	40.2
50	19.394	19.385	36.265	5.27	25.902	25.904	30.191	34.377	38.468	42.467	212.6	0.119	2.984	50.3
60	19.312	19.301	36.263	5.22	25.921	25.924	30.212	34.400	38.491	42.491	211.1	0.141	2.493	60.3
70	19.188	19.175	36.256	5.17	25.948	25.952	30.241	34.431	38.525	42.527	208.9	0.162	2.947	70.4
80	18.990	18.976	36.234	5.16	25.982	25.986	30.279	34.472	38.569	42.574	206.0	0.182	3.304	80.4
90	18.964	18.948	36.236	5.13	25.990	25.995	30.288	34.482	38.579	42.584	205.6	0.203	1.639	90.5
100	18.891	18.873	36.211	5.22	25.990	25.995	30.290	34.485	38.583	42.589	205.9	0.223	3.363	100.6
120	18.131	18.110	36.105	5.02	26.101	26.106	30.415	34.622	38.733	42.751	196.0	0.264	4.208	120.7
140	18.083	18.058	36.149	4.93	26.147	26.153	30.462	34.669	38.780	42.799	192.4	0.303	2.701	140.8
160	17.740	17.713	36.089	4.87	26.186	26.193	30.507	34.721	38.838	42.862	189.3	0.341	2.525	160.9
180	17.453	17.422	36.035	4.92	26.215	26.222	30.543	34.761	38.883	42.912	187.1	0.378	2.196	181.1
200	16.939	16.906	35.946	4.89	26.270	26.278	30.608	34.835	38.965	43.003	182.4	0.415	2.999	201.2
220	15.598	15.563	35.609	4.99	26.324	26.332	30.687	34.939	39.094	43.155	177.5	0.451	3.048	221.3
240	14.964	14.927	35.514	5.16	26.393	26.401	30.768	35.032	39.198	43.270	171.4	0.486	3.348	241.5
260	14.781	14.742	35.592	5.37	26.492	26.501	30.871	35.138	39.306	43.381	162.5	0.520	3.983	261.6
280	14.822	14.780	35.624	5.30	26.509	26.518	30.887	35.153	39.320	43.394	161.6	0.552	1.610	281.7
300	14.943	14.897	35.688	5.28	26.531	26.541	30.908	35.171	39.336	43.407	160.2	0.584	1.865	301.9
320	14.842	14.794	35.674	5.29	26.542	26.553	30.921	35.187	39.354	43.427	159.6	0.616	1.404	322.0
340	14.179	14.129	35.500	5.34	26.552	26.563	30.945	35.223	39.403	43.488	158.9	0.648	1.505	342.2
360	13.580	13.528	35.380	5.04	26.585	26.596	30.990	35.280	39.472	43.568	156.0	0.679	2.417	362.3
380	13.650	13.595	35.424	5.09	26.604	26.616	31.009	35.298	39.487	43.582	154.8	0.711	1.747	382.5
400	13.245	13.188	35.351	5.07	26.632	26.643	31.044	35.341	39.538	43.641	152.5	0.741	2.187	402.6
450	11.903	11.844	35.094	5.09	26.698	26.710	31.140	35.464	39.688	43.815	146.5	0.816	2.222	453.1
500	10.714	10.652	34.900	4.85	26.768	26.779	31.235	35.585	39.833	43.984	140.1	0.888	2.259	503.5
550	9.405	9.342	34.732	4.90	26.862	26.872	31.358	35.736	40.012	44.189	131.0	0.955	2.613	553.9
600	8.065	8.002	34.578	4.98	26.953	26.962	31.480	35.889	40.194	44.399	121.7	1.019	2.609	604.3
650	6.686	6.625	34.430	5.12	27.034	27.042	31.594	36.035	40.372	44.608	113.1	1.077	2.513	654.8
700	5.756	5.695	34.331	5.36	27.076	27.083	31.659	36.124	40.482	44.739	108.4	1.133	1.898	705.3
750	5.384	5.320	34.296	5.61	27.094	27.102	31.687	36.161	40.529	44.794	106.7	1.186	1.261	755.8
800	4.777	4.713	34.240	5.75	27.120	27.127	31.729	36.219	40.601	44.881	103.7	1.239	1.550	806.3
900	3.963	3.895	34.201	5.93	27.177	27.184	31.807	36.318	40.720	45.020	97.6	1.340	1.485	907.3
1000	3.924	3.849	34.253	5.58	27.222	27.230	31.854	36.365	40.769	45.070	94.2	1.436	1.328	1008.4
1100	3.399	3.320	34.247	5.47	27.269	27.276	31.915	36.440	40.857	45.170	89.2	1.528	1.461	1109.6
1200	3.119	3.034	34.287	5.23	27.327	27.335	31.981	36.513	40.937	45.257	83.7	1.614	1.457	1210.8
1300	3.010	2.918	34.345	4.91	27.383	27.392	32.040	36.575	41.002	45.324	78.8	1.695	1.371	1312.1
1400	2.879	2.780	34.395	4.64	27.435	27.444	32.096	36.634	41.064	45.389	74.2	1.772	1.252	1413.4
1481	2.842	2.737	34.436	4.42	27.471	27.481	32.133	36.672	41.103	45.429	71.2	1.831	1.220	1496.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
1	20.505	20.505	35.699	5.20	3.1	0.19	0.30	0.01	25.176	25.177	33.622	41.686	1.	
26	19.681	19.677	35.702	5.33	1.9	0.13	0.10	0.02	25.397	25.398	33.869	41.957	26.	
55	19.342	19.331	36.261	5.35	1.7	0.13	0.10	0.02	25.912	25.915	34.389	42.480	56.	
97	18.840	18.822	36.211	5.19	1.7	0.16	0.30	0.11	26.003	26.008	34.499	42.606	98.	
147	18.076	18.050	36.157	4.92	1.9	0.27	1.90	0.03	26.155	26.161	34.678	42.808	148.	
194	17.218	17.185	35.997	4.96	1.8	0.32	2.60	0.02	26.242	26.250	34.797	42.956	196.	
287	14.899	14.855	35.659	5.35	2.5	0.47	4.40	0.03	26.518	26.528	35.160	43.398	290.	
384	13.607	13.551	35.415	5.12	3.3	0.70	8.30	0.02	26.607	26.618	35.302	43.588	388.	
491	10.882	10.821	34.978	4.82	6.1	1.10	14.70	0.01	26.798	26.809	35.607	43.998	493.	
636	6.949	6.888	34.498	5.14	11.5	1.62	22.90	0.00	27.051	27.059	36.039	44.599	642.	
786	5.029	4.964	34.277	5.74	15.0	1.79	25.90	0.00	27.121	27.128	36.206	44.856	794.	
922	4.010	3.940	34.217	5.90	19.6	1.92	27.60	0.00	27.185	27.192	36.323	45.023	931.	
982	3.980	3.906	34.254	5.57	23.9	2.01	29.00	0.00	27.217	27.225	36.357	45.058	992.	
1083	3.452	3.374	34.248	5.50	29.1	2.09	30.10	0.00	27.265	27.272	36.433	45.161	1094.	
1279	3.124	3.032	34.349	4.85	43.1	2.25	32.40	0.00	27.376	27.385	36.562	45.305	1293.	
1470	2.870	2.765	34.433	4.45	55.5	2.33	33.90	0.00	27.466	27.476	36.666	45.421	1487.	

SHIP AT CRUISE 107 STATION 17
START 37 53.25 S 47 40.12 W AT 2020 79/12/14
WIND = 20M/S COR. DEPTH = 5158M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	18.648	18.648	35.294	5.35	25.352	25.352	29.656	33.860	37.967	41.982	263.0	0.000	0.000	-0
10	19.228	19.226	35.836	5.31	25.618	25.618	29.910	34.101	38.197	42.200	238.1	0.025	9.116	10.1
20	19.227	19.224	36.170	5.30	25.872	25.873	30.163	34.352	38.446	42.448	214.3	0.048	8.952	20.1
30	19.065	19.059	36.197	5.25	25.935	25.936	30.229	34.420	38.516	42.520	208.7	0.069	4.456	30.2
40	18.275	18.268	36.032	5.22	26.010	26.011	30.318	34.522	38.631	42.648	201.9	0.089	4.869	40.2
50	16.800	16.792	35.666	5.00	26.089	26.091	30.424	34.655	38.789	42.830	194.7	0.109	5.018	50.3
60	16.157	16.147	35.590	5.12	26.181	26.184	30.529	34.771	38.916	42.968	186.1	0.128	5.423	60.3
70	16.031	16.020	35.606	5.50	26.223	26.225	30.572	34.817	38.964	43.017	182.5	0.147	3.617	70.4
80	15.774	15.761	35.589	5.64	26.268	26.271	30.623	34.872	39.023	43.081	178.5	0.165	3.816	80.5
90	15.733	15.718	35.614	5.61	26.297	26.301	30.653	34.903	39.054	43.113	176.0	0.182	3.031	90.5
100	15.779	15.763	35.672	5.52	26.331	26.335	30.686	34.934	39.085	43.142	173.2	0.200	3.268	100.6
120	15.463	15.444	35.616	5.48	26.360	26.364	30.721	34.976	39.132	43.195	171.0	0.234	2.168	120.7
140	15.168	15.147	35.639	5.34	26.443	26.448	30.811	35.070	39.231	43.299	163.7	0.268	3.649	140.8
160	15.039	15.015	35.656	5.27	26.485	26.490	30.855	35.117	39.280	43.350	160.3	0.300	2.583	161.0
180	14.664	14.637	35.586	5.22	26.514	26.520	30.892	35.161	39.330	43.407	158.1	0.332	2.180	181.1
200	14.483	14.453	35.560	5.17	26.533	26.540	30.915	35.188	39.361	43.441	156.8	0.363	1.808	201.2
220	14.293	14.260	35.529	5.10	26.550	26.557	30.937	35.213	39.389	43.473	155.7	0.395	1.688	221.4
240	13.951	13.916	35.457	5.08	26.567	26.575	30.961	35.244	39.427	43.516	154.5	0.426	1.735	241.5
260	13.547	13.510	35.374	5.11	26.588	26.596	30.990	35.281	39.473	43.569	153.0	0.457	1.900	261.7
280	13.114	13.075	35.290	5.07	26.612	26.619	31.024	35.323	39.522	43.627	151.1	0.487	2.031	281.8
300	12.861	12.819	35.277	5.03	26.653	26.661	31.070	35.374	39.579	43.688	147.6	0.517	2.600	301.9
320	12.029	11.986	35.108	5.12	26.685	26.693	31.120	35.441	39.662	43.787	144.6	0.546	2.421	322.1
340	11.783	11.739	35.109	5.03	26.733	26.741	31.173	35.499	39.725	43.854	140.5	0.574	2.792	342.2
360	10.971	10.926	34.955	5.19	26.764	26.772	31.222	35.566	39.808	43.954	137.5	0.602	2.414	362.4
380	10.277	10.232	34.830	5.12	26.790	26.798	31.264	35.623	39.880	44.039	134.9	0.630	2.248	382.5
400	9.407	9.362	34.693	5.17	26.830	26.838	31.324	35.702	39.978	44.155	130.9	0.656	2.729	402.7
450	7.946	7.900	34.503	5.28	26.912	26.919	31.439	35.851	40.158	44.367	122.9	0.720	2.444	453.2
500	6.816	6.769	34.398	5.38	26.991	26.997	31.545	35.984	40.318	44.551	115.1	0.779	2.398	503.6
550	5.837	5.789	34.299	5.67	27.040	27.046	31.620	36.083	40.439	44.694	109.9	0.835	1.980	554.0
600	5.031	4.983	34.229	6.00	27.082	27.088	31.682	36.165	40.542	44.816	105.5	0.889	1.835	604.5
650	4.651	4.600	34.219	6.00	27.118	27.123	31.728	36.220	40.606	44.889	102.2	0.941	1.612	654.9
700	4.358	4.304	34.212	6.13	27.144	27.150	31.762	36.262	40.655	44.945	99.7	0.992	1.416	705.4
750	4.127	4.071	34.207	6.19	27.165	27.171	31.789	36.295	40.694	44.989	97.8	1.041	1.254	755.9
800	4.030	3.970	34.225	6.10	27.189	27.195	31.816	36.325	40.725	45.023	95.8	1.089	1.292	806.4
900	3.586	3.521	34.222	5.93	27.231	27.237	31.871	36.391	40.803	45.111	91.7	1.183	1.384	907.5
1000	3.373	3.301	34.260	5.66	27.282	27.289	31.927	36.453	40.870	45.184	87.2	1.273	1.365	1008.6
1100	3.043	2.966	34.289	5.40	27.336	27.343	31.990	36.525	40.950	45.272	82.1	1.358	1.421	1109.7
1200	2.027	2.943	34.353	5.05	27.388	27.396	32.043	36.578	41.003	45.325	77.8	1.438	1.339	1211.0
1300	2.913	2.821	34.403	4.79	27.439	27.447	32.097	36.635	41.063	45.388	73.4	1.513	1.278	1312.2
1400	2.891	2.792	34.462	4.58	27.488	27.496	32.147	36.685	41.114	45.438	69.4	1.585	1.288	1413.6
1500	2.974	2.865	34.536	4.46	27.539	27.549	32.198	36.732	41.158	45.481	65.6	1.652	1.282	1514.9
1600	2.892	2.776	34.584	4.39	27.585	27.595	32.246	36.783	41.211	45.535	61.7	1.716	1.321	1616.4
1700	2.954	2.828	34.647	4.34	27.629	27.641	32.289	36.824	41.250	45.573	58.5	1.776	1.062	1717.8
1800	2.937	2.802	34.685	4.42	27.661	27.673	32.322	36.857	41.284	45.607	56.1	1.833	1.052	1819.4
1900	2.998	2.854	34.734	4.52	27.695	27.708	32.355	36.889	41.313	45.635	54.0	1.888	0.916	1921.0
2000	3.004	2.850	34.768	4.63	27.722	27.736	32.382	36.916	41.341	45.662	52.2	1.941	0.899	2022.6
2100	3.035	2.871	34.800	4.77	27.744	27.759	32.405	36.938	41.361	45.682	51.0	1.993	0.724	2124.3
2200	3.021	2.847	34.823	4.95	27.764	27.780	32.426	36.959	41.384	45.704	49.7	2.043	0.785	2226.0
2300	3.015	2.832	34.845	5.08	27.782	27.799	32.445	36.979	41.403	45.724	48.7	2.092	0.698	2327.8
2400	2.982	2.789	34.857	5.17	27.794	27.812	32.460	36.994	41.420	45.741	48.0	2.141	0.713	2429.6
2500	2.882	2.682	34.854	5.22	27.801	27.819	32.470	37.007	41.436	45.760	47.5	2.188	0.582	2531.5
2600	2.785	2.577	34.855	5.24	27.811	27.829	32.483	37.023	41.454	45.781	46.6	2.235	0.692	2633.4
2700	2.831	2.611	34.882	5.31	27.828	27.847	32.500	37.039	41.469	45.795	45.9	2.281	0.690	2735.4
2800	2.732	2.504	34.877	5.42	27.832	27.852	32.508	37.050	41.483	45.811	45.5	2.327	0.704	2837.4
2900	2.652	2.415	34.875	5.45	27.838	27.859	32.517	37.061	41.496	45.827	45.0	2.372	0.620	2939.5
3000	2.437	2.194	34.847	5.37	27.834	27.854	32.519	37.069	41.511	45.847	44.3	2.417	0.654	3041.6
3200	2.134	1.878	34.822	5.28	27.840	27.860	32.534	37.093	41.543	45.887	42.5	2.504	0.723	3246.0
3400	1.600	1.335	34.760	4.83	27.832	27.851	32.540	37.115	41.579	45.939	39.7	2.586	0.787	3450.5
3600	1.286	1.009	34.738	4.80	27.837	27.856	32.555	37.139	41.613	45.980	37.1	2.663	0.717	3655.3
3800	1.007	0.716	34.720	4.79	27.841	27.860	32.568	37.160	41.642	46.018	34.6	2.735	0.747	3860.2
4000	0.736	0.432	34.704	4.83	27.846	27.864	32.580	37.181	41.671	46.054	31.9	2.801	0.729	4065.4
4200	0.509	0.190	34.690	4.89	27.849	27.867	32.590	37.198	41.695	46.085	29.6	2.863	0.656	4270.7
4400	0.340	0.004	34.681	4.94	27.851	27.869	32.598	37.211	41.713	46.109	27.7	2.920	0.533	4476.2
4600	0.250	-0.106	34.677	4.99	27.853	27.872	32.604	37.221	41.726	46.124	26.5	2.974	0.445	4681.9
4717	0.224	-0.144	34.676	4.94	27.853	27.873	32.606	37.224	41.730	46.129	26.2	3.005	0.215	4803.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
0	18.191	18.191	35.543	5.48	1.1	0.22	0.10	0.00	25.657	25.657	34.176	42.310	0.	
37	16.433	16.427	35.722	5.80	0.3	0.18	0.00	0.00	26.218	26.220	34.796	42.982	38.	
90	15.982	15.967	35.720	5.59	1.1	0.26	0.90	0.12	26.321	26.325	34.917	43.118	91.	
289	12.523	12.484	35.179	5.05	3.3	0.83	10.40	0.00	26.644	26.651	35.379	43.706	292.	
491	6.972	6.925	34.433	5.48	9.1	1.54	21.80	0.00	26.997	27.003	35.982	44.541	495.	B1
686	4.446	4.393	34.217	6.06	14.0	1.79	25.80	0.00	27.138	27.144	36.252	44.930	693.	B89
926	3.579	3.512	34.237	5.61	25.0	2.01	29.10	0.00	27.244	27.250	36.404	45.125	935.	
985	3.438	3.367	34.272	5.76	28.2	2.05	29.60	0.00	27.285	27.292	36.453	45.180	995.	B1
1187	3.005	2.921	34.345	4.86	43.5	2.23	32.30	0.00	27.384	27.392	36.575	45.324	1200.	
1382	2.889	2.791	34.468	4.42	54.1	2.28	33.00	0.00	27.493	27.501	36.690	45.443	1397.	B1
1661	2.888	2.766	34.616	4.30	59.4	2.20	31.80	0.00	27.611	27.622	36.809	45.561	1681.	
1784	2.937	2.804	34.680	4.38	58.1	2.10	30.70	0.00	27.657	27.669	36.853	45.603	1806.	D1
1977	2.992	2.840	34.753	4.63	54.7	1.96	28.50	0.00	27.710	27.724	36.905	45.652	2002.	
2219	3.039	2.863	34.836	5.03	47.3	1.75	25.60	0.00	27.772	27.788	36.967	45.711	2248.	
2434	2.905	2.710	34.854	5.15	47.9	1.66	24.60	0.00	27.799	27.816	37.003	45.754	2467.	B9
2706	2.845	2.624	34.901	5.42	40.8	1.50	22.30	0.00	27.842	27.861	37.052	45.807	2744.	B1
2955	2.435	2.197	34.846	5.29	57.2	1.72	25.00	0.00	27.834	27.854	37.068	45.846	2999.	
3195	2.109	1.853	34.815	5.17	66.6	1.76	25.90	0.00	27.836	27.856	37.091	45.887	3244.	B1
3337	1.714	1.453	34.777	4.88	87.6	2.00	28.80	0.00	27.837	27.856	37.113	45.931	3389.	D1B8
3683	1.145	0.863	34.731	4.90	106.0	2.14	30.80	0.00	27.841	27.859	37.151	46.000	3744.	
3920	0.836	0.537	34.707	4.95	109.1	2.18	31.30	0.00	27.842	27.860	37.171	46.039	3988.	
4424	0.329	-0.010	34.686	5.06	120.7	2.25	32.10	0.00	27.855	27.874	37.217	46.115	4505.	
4663	0.233	-0.131	34.683	5.15	120.5	2.26	32.20	0.00	27.858	27.878	37.228	46.132	4751.	D1

SHIP AT CRUISE 107 STATION 18
START 38 2.28 S 46 47.02 W AT 445 79/12/15
WIND = 22M/S COR. DEPTH = 5173M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.635	16.635	35.170	6.45	25.748	25.748	30.087	34.323	38.463	42.510	225.4	0.000	0.000	-0
10	16.664	16.663	35.176	6.61	25.745	25.746	30.084	34.320	38.460	42.506	226.0	0.023	-0.780	10.1
20	15.396	15.393	35.077	6.79	25.960	25.961	30.323	34.581	38.742	42.809	205.8	0.044	8.229	20.1
30	14.408	14.403	34.992	6.88	26.111	26.112	30.493	34.769	38.947	43.031	191.8	0.064	6.894	30.2
40	14.099	14.093	35.016	6.74	26.196	26.197	30.583	34.865	39.049	43.138	184.0	0.083	5.172	40.2
50	14.229	14.221	35.215	6.56	26.322	26.323	30.706	34.984	39.164	43.250	172.4	0.101	6.292	50.3
60	14.299	14.291	35.294	6.44	26.368	26.369	30.750	35.027	39.205	43.289	168.3	0.118	3.800	60.4
70	13.719	13.709	35.170	6.39	26.394	26.396	30.789	35.077	39.266	43.360	166.0	0.134	2.933	70.4
80	14.198	14.186	35.329	6.24	26.416	26.418	30.801	35.079	39.259	43.344	164.3	0.151	2.602	80.5
90	13.240	13.227	35.122	6.28	26.456	26.458	30.861	35.158	39.356	43.459	160.7	0.167	3.607	90.5
100	12.842	12.828	35.087	6.22	26.510	26.512	30.923	35.228	39.433	43.544	155.8	0.183	4.142	100.6
120	12.360	12.344	35.122	5.98	26.632	26.635	31.054	35.369	39.583	43.701	144.7	0.213	4.400	120.8
140	12.133	12.114	35.118	5.75	26.673	26.676	31.101	35.419	39.638	43.761	141.2	0.242	2.570	140.9
160	11.100	11.080	34.920	5.87	26.713	26.717	31.164	35.505	39.744	43.887	137.6	0.270	2.632	161.0
180	10.396	10.375	34.834	5.85	26.773	26.776	31.239	35.595	39.849	44.006	132.2	0.296	3.117	181.2
200	10.133	10.109	34.807	5.65	26.797	26.801	31.270	35.631	39.890	44.053	130.3	0.323	2.002	201.3
220	9.234	9.210	34.662	5.70	26.835	26.839	31.329	35.710	39.989	44.170	126.7	0.348	2.578	221.5
240	8.246	8.221	34.513	5.99	26.875	26.878	31.391	35.796	40.097	44.298	122.9	0.373	2.653	241.6
260	7.868	7.842	34.501	5.99	26.922	26.926	31.448	35.861	40.169	44.379	118.6	0.398	2.784	261.8
280	7.201	7.174	34.417	6.10	26.952	26.956	31.495	35.924	40.248	44.472	115.6	0.421	2.343	281.9
300	6.858	6.830	34.387	5.97	26.976	26.980	31.527	35.964	40.296	44.528	113.5	0.444	2.033	302.1
320	6.672	6.643	34.383	5.81	26.998	27.002	31.554	35.995	40.332	44.568	111.6	0.466	1.925	322.2
340	6.230	6.200	34.356	5.80	27.035	27.039	31.602	36.054	40.401	44.647	108.0	0.488	2.522	342.4
360	5.851	5.820	34.317	5.75	27.053	27.057	31.629	36.091	40.447	44.701	106.4	0.510	1.807	362.5
380	5.769	5.737	34.327	5.61	27.072	27.076	31.650	36.114	40.471	44.728	104.8	0.531	1.761	382.7
400	5.563	5.529	34.306	5.64	27.080	27.084	31.664	36.133	40.496	44.757	104.0	0.552	1.297	402.9
450	4.570	4.536	34.191	6.10	27.104	27.108	31.714	36.209	40.596	44.881	101.3	0.603	1.480	453.3
500	4.415	4.377	34.192	6.15	27.122	27.126	31.736	36.234	40.626	44.914	100.0	0.653	1.112	503.8
550	4.216	4.175	34.191	6.19	27.142	27.146	31.762	36.266	40.662	44.955	98.3	0.703	1.213	554.2
600	4.032	3.988	34.189	6.13	27.160	27.165	31.786	36.294	40.694	44.992	96.8	0.752	1.155	604.7
650	3.844	3.797	34.190	6.06	27.180	27.185	31.811	36.324	40.729	45.031	95.1	0.800	1.197	655.2
700	3.711	3.661	34.203	5.94	27.204	27.209	31.838	36.355	40.764	45.069	93.0	0.847	1.294	705.7
750	3.575	3.522	34.208	5.84	27.221	27.226	31.859	36.380	40.792	45.100	91.5	0.893	1.119	756.2
800	3.319	3.263	34.206	5.79	27.244	27.250	31.890	36.417	40.836	45.151	89.2	0.938	1.345	806.7
900	3.018	2.957	34.231	5.59	27.292	27.297	31.946	36.481	40.907	45.229	84.8	1.025	1.455	907.8
1000	2.933	2.865	34.281	5.26	27.339	27.346	31.996	36.533	40.961	45.285	80.8	1.108	1.245	1008.9
1100	2.844	2.769	34.329	5.01	27.386	27.392	32.045	36.584	41.015	45.341	76.9	1.187	1.363	1110.1
1200	2.823	2.740	34.399	4.68	27.443	27.451	32.104	36.643	41.074	45.400	72.1	1.262	1.437	1211.4
1300	2.844	2.754	34.465	4.41	27.494	27.502	32.154	36.692	41.122	45.448	68.1	1.332	1.216	1312.6
1400	2.815	2.716	34.513	4.33	27.535	27.544	32.197	36.736	41.166	45.492	64.7	1.398	1.154	1414.0
1500	2.797	2.690	34.567	4.23	27.580	27.589	32.242	36.781	41.212	45.538	61.2	1.461	1.283	1515.4
1600	2.885	2.768	34.632	4.24	27.624	27.634	32.284	36.821	41.249	45.573	58.1	1.521	1.235	1616.8
1700	2.917	2.792	34.683	4.31	27.661	27.672	32.321	36.857	41.284	45.607	55.4	1.578	1.129	1718.3
1800	3.002	2.866	34.732	4.44	27.693	27.705	32.352	36.885	41.310	45.631	53.5	1.633	0.911	1819.9
1900	3.045	2.899	34.771	4.64	27.720	27.734	32.379	36.911	41.335	45.654	51.9	1.685	0.846	1921.5
2000	3.079	2.924	34.806	4.81	27.744	27.759	32.403	36.934	41.357	45.676	50.5	1.736	0.832	2023.1
2100	3.057	2.893	34.826	4.95	27.762	27.778	32.423	36.955	41.378	45.697	49.4	1.786	0.887	2124.8
2200	3.014	2.841	34.832	5.03	27.772	27.787	32.434	36.967	41.392	45.712	49.0	1.835	0.514	2226.6
2300	2.938	2.756	34.837	5.08	27.783	27.799	32.448	36.983	41.410	45.732	48.2	1.884	0.731	2328.4
2400	2.907	2.716	34.853	5.18	27.798	27.815	32.465	37.001	41.429	45.752	47.3	1.932	0.746	2430.2
2500	2.811	2.612	34.849	5.21	27.803	27.821	32.474	37.013	41.443	45.769	46.9	1.979	0.638	2532.1
2600	2.791	2.582	34.861	5.27	27.815	27.833	32.487	37.027	41.458	45.784	46.3	2.025	0.664	2634.1
2700	2.759	2.540	34.869	5.37	27.824	27.843	32.498	37.039	41.471	45.798	45.8	2.072	0.577	2736.1
2800	2.722	2.494	34.880	5.42	27.836	27.856	32.512	37.054	41.487	45.815	45.1	2.117	0.602	2838.1
2900	2.609	2.373	34.865	5.51	27.834	27.854	32.514	37.059	41.496	45.827	45.0	2.162	0.392	2940.2
3000	2.490	2.246	34.863	5.43	27.843	27.863	32.526	37.075	41.515	45.850	44.0	2.206	0.748	3042.3
3200	2.088	1.833	34.818	5.42	27.840	27.861	32.535	37.096	41.547	45.893	42.1	2.292	0.717	3246.7
3400	1.613	1.349	34.762	4.99	27.832	27.851	32.540	37.115	41.579	45.938	39.8	2.374	0.803	3451.3
3600	1.289	1.012	34.740	4.89	27.838	27.857	32.556	37.140	41.614	45.981	37.0	2.451	0.792	3656.1
3800	1.015	0.724	34.719	4.86	27.840	27.858	32.566	37.158	41.640	46.015	34.8	2.523	0.666	3861.1
4000	0.710	0.406	34.702	4.92	27.846	27.864	32.581	37.183	41.673	46.057	31.6	2.589	0.736	4066.3
4200	0.468	0.149	34.689	4.98	27.850	27.868	32.592	37.201	41.699	46.090	29.0	2.650	0.653	4271.6
4400	0.324	0.012	34.682	5.02	27.852	27.871	32.600	37.214	41.716	46.112	27.4	2.706	0.571	4477.2
4600	0.226	0.129	34.677	5.10	27.854	27.872	32.606	37.223	41.729	46.127	26.2	2.759	0.418	4682.9
4800	0.192	0.186	34.675	5.13	27.854	27.874	32.609	37.228	41.735	46.135	25.8	2.811	0.273	4888.9
5000	0.200	0.201	34.672	5.10	27.851	27.872	32.608	37.227	41.735	46.135	26.1	2.863	0.200	5095.0
5170	0.219	0.203	34.674	5.14	27.852	27.874	32.609	37.229	41.737	46.137	26.3	2.908	0.220	5271.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
3	17.843	17.843	35.536	5.72	0.2	0.17	0.20	0.02	25.737	25.737	34.268	42.413	3.	
44	14.192	14.186	35.143	5.47	2.3	0.58	5.50	0.38	26.274	26.275	34.939	43.206	44.	
95	14.459	14.445	35.486	5.26	2.2	0.56	5.80	0.06	26.481	26.484	35.133	43.387	97.	B1
198	11.516	11.491	35.056	5.48	3.6	0.92	11.40	0.04	26.742	26.747	35.516	43.881	200.	B89
290	8.328	8.297	34.570	5.44	6.8	1.40	19.20	0.03	26.907	26.911	35.824	44.323	293.	
494	4.538	4.501	34.197	6.30	12.0	1.77	25.20	0.01	27.112	27.117	36.219	44.893	498.	
681	3.834	3.785	34.195	6.14	18.2	1.91	27.50	0.01	27.185	27.190	36.330	45.038	688.	
884	3.094	3.034	34.219	5.70	29.4	2.11	30.50	0.01	27.275	27.281	36.460	45.203	893.	
980	2.963	2.896	34.276	5.39	36.6	2.19	31.80	0.01	27.333	27.339	36.525	45.276	990.	
1173	2.826	2.746	34.375	4.67	50.4	2.33	33.80	0.01	27.424	27.431	36.623	45.381	1186.	
1372	2.821	2.725	34.506	4.31	58.9	2.33	33.90	0.01	27.529	27.537	36.729	45.485	1388.	
1576	2.871	2.756	34.620	4.29	60.6	2.24	32.60	0.02	27.615	27.626	36.813	45.566	1595.	B8
1767	2.953	2.821	34.711	4.47	58.0	2.09	30.60	0.02	27.680	27.692	36.875	45.623	1788.	
1966	3.082	2.930	34.793	4.79	50.6	1.90	27.70	0.02	27.734	27.748	36.924	45.665	1991.	
2217	2.984	2.810	34.830	5.00	50.0	1.81	26.40	0.02	27.772	27.788	36.970	45.717	2246.	
2461	2.905	2.708	34.859	5.30	47.0	1.68	24.80	0.01	27.803	27.821	37.007	45.758	2495.	
2705	2.782	2.562	34.855	5.39	45.9	1.64	24.10	0.02	27.811	27.830	37.025	45.783	2744.	
2947	2.648	2.406	34.889	5.63	43.3	1.57	22.90	0.02	27.850	27.871	37.073	45.840	2991.	
3201	2.065	1.810	34.815	5.13	71.2	1.84	26.90	0.02	27.840	27.860	37.097	45.895	3251.	
3444	1.532	1.265	34.757	4.89	93.1	2.07	30.00	0.02	27.834	27.853	37.122	45.949	3499.	
3691	1.131	0.848	34.734	4.88	107.5	2.19	31.60	0.01	27.844	27.863	37.155	46.005	3753.	
3931	0.800	0.500	34.704	4.93	113.3	2.22	32.20	0.01	27.842	27.860	37.173	46.042	3999.	
4424	0.309	-0.029	34.688	5.08	109.8	2.26	31.80	0.01	27.858	27.876	37.221	46.120	4505.	D1
5118	0.214	-0.203	34.681	5.15	124.3	2.30	32.90	0.02	27.858	27.880	37.234	46.143	5220.	B1

SHIP AT CRUISE 107 STATION 19
START 37 56.56 S 46 79 W AT 1126 79/12/15
WIND = 15M/S COR. DEPTH = 5167M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.194	17.194	34.749	6.45	25.293	25.293	29.625	33.855	37.988	42.029	268.7	0.000	0.000	-0
10	17.143	17.142	34.725	6.56	25.286	25.287	29.620	33.851	37.985	42.027	269.6	0.027	-1.363	10.1
20	14.417	14.414	34.851	6.97	26.001	26.001	30.383	34.660	38.839	42.923	202.0	0.050	14.989	20.1
30	14.219	14.215	34.951	6.81	26.120	26.121	30.505	34.786	38.967	43.054	190.9	0.070	6.128	30.2
40	13.728	13.722	34.893	6.68	26.179	26.180	30.574	34.864	39.054	43.151	185.6	0.089	4.314	40.2
50	12.509	12.502	34.693	6.85	26.270	26.271	30.691	35.005	39.219	43.338	177.1	0.107	5.391	50.3
60	13.012	13.004	34.911	6.65	26.339	26.341	30.749	35.052	39.255	43.364	170.9	0.125	4.645	60.3
70	13.207	13.197	35.047	6.49	26.405	26.407	30.810	35.109	39.308	43.412	164.9	0.141	4.547	70.4
80	12.787	12.776	35.020	6.48	26.469	26.471	30.882	35.189	39.396	43.508	159.1	0.158	4.502	80.5
90	12.720	12.708	35.083	6.31	26.531	26.533	30.946	35.254	39.461	43.573	153.5	0.173	4.428	90.5
100	11.952	11.939	34.967	6.27	26.590	26.593	31.022	35.345	39.568	43.694	148.0	0.188	4.373	100.6
120	11.470	11.455	34.947	6.14	26.666	26.669	31.108	35.441	39.673	43.809	141.2	0.217	3.481	120.7
140	11.632	11.614	35.035	5.88	26.704	26.707	31.142	35.471	39.700	43.832	138.2	0.245	2.427	140.9
160	11.467	11.447	35.030	5.71	26.731	26.735	31.173	35.506	39.738	43.873	136.0	0.272	2.108	161.0
180	11.268	11.245	35.013	5.67	26.755	26.759	31.202	35.538	39.774	43.913	134.2	0.300	1.965	181.1
200	10.415	10.392	34.860	5.70	26.789	26.793	31.255	35.611	39.864	44.021	131.1	0.326	2.446	201.3
220	9.236	9.212	34.648	5.80	26.824	26.828	31.317	35.699	39.978	44.159	127.8	0.352	2.519	221.4
240	8.436	8.411	34.537	6.04	26.864	26.868	31.377	35.777	40.073	44.271	124.0	0.377	2.643	241.6
260	8.135	8.108	34.524	5.99	26.900	26.904	31.419	35.826	40.129	44.333	120.8	0.402	2.417	261.7
280	7.755	7.727	34.489	5.92	26.929	26.933	31.458	35.874	40.185	44.398	118.2	0.425	2.246	281.8
300	7.029	7.001	34.397	5.91	26.961	26.965	31.507	35.941	40.269	44.497	115.1	0.449	2.393	302.0
320	6.365	6.336	34.314	6.04	26.985	26.988	31.548	35.997	40.341	44.585	112.6	0.472	2.133	322.2
340	6.221	6.191	34.329	5.91	27.016	27.020	31.583	36.036	40.383	44.629	109.9	0.494	2.254	342.3
360	6.266	6.234	34.363	5.70	27.036	27.040	31.602	36.053	40.399	44.645	108.3	0.516	1.776	362.5
380	6.168	6.134	34.358	5.63	27.045	27.050	31.614	36.068	40.416	44.663	107.6	0.537	1.273	382.6
400	5.679	5.645	34.310	5.66	27.069	27.073	31.650	36.116	40.476	44.734	105.2	0.559	2.101	402.8
450	5.051	5.015	34.258	5.80	27.103	27.107	31.701	36.183	40.558	44.831	101.9	0.610	1.612	453.3
500	4.645	4.607	34.236	5.87	27.131	27.136	31.740	36.232	40.617	44.900	99.4	0.661	1.445	503.7
550	4.244	4.203	34.214	5.96	27.158	27.162	31.777	36.280	40.675	44.967	96.9	0.710	1.418	554.1
600	4.009	3.965	34.207	5.98	27.177	27.181	31.803	36.311	40.713	45.011	95.2	0.758	1.200	604.6
650	3.852	3.806	34.204	5.93	27.190	27.195	31.821	36.334	40.739	45.041	94.1	0.805	1.017	655.1
700	3.640	3.590	34.208	5.89	27.214	27.219	31.851	36.369	40.780	45.087	91.9	0.851	1.324	705.6
750	3.457	3.404	34.217	5.81	27.240	27.245	31.881	36.404	40.819	45.131	89.6	0.897	1.348	756.1
800	3.328	3.272	34.229	5.66	27.262	27.267	31.907	36.433	40.852	45.166	87.6	0.941	1.248	806.6
900	2.968	2.908	34.254	5.40	27.315	27.320	31.970	36.506	40.933	45.257	82.6	1.026	1.370	907.6
1000	2.853	2.786	34.307	5.11	27.367	27.373	32.026	36.565	40.995	45.321	78.0	1.107	1.377	1008.7
1100	2.853	2.778	34.369	4.78	27.416	27.423	32.075	36.614	41.044	45.369	74.0	1.183	1.284	1109.9
1200	2.778	2.695	34.426	4.49	27.469	27.476	32.130	36.670	41.102	45.429	69.6	1.255	1.345	1211.2
1300	2.756	2.666	34.471	4.33	27.507	27.515	32.169	36.710	41.142	45.470	66.6	1.323	1.070	1312.4
1400	2.799	2.700	34.526	4.19	27.547	27.555	32.209	36.748	41.178	45.505	63.6	1.388	1.108	1413.8
1500	2.824	2.716	34.587	4.16	27.593	27.603	32.255	36.793	41.223	45.548	60.1	1.450	1.177	1515.1
1600	2.825	2.709	34.628	4.13	27.626	27.637	32.288	36.827	41.256	45.582	57.6	1.508	1.045	1616.6
1700	2.883	2.758	34.683	4.23	27.664	27.676	32.326	36.863	41.290	45.614	55.0	1.564	0.919	1718.1
1800	2.943	2.808	34.727	4.34	27.694	27.706	32.355	36.890	41.316	45.638	53.1	1.619	0.951	1819.6
1900	2.981	2.836	34.765	4.53	27.721	27.734	32.382	36.915	41.341	45.662	51.5	1.671	0.868	1921.2
2000	2.972	2.818	34.791	4.64	27.743	27.757	32.404	36.938	41.364	45.685	50.1	1.722	0.802	2022.8
2100	2.993	2.829	34.815	4.76	27.760	27.775	32.422	36.955	41.380	45.701	49.3	1.771	0.788	2124.5
2200	2.982	2.809	34.835	4.86	27.777	27.792	32.440	36.974	41.399	45.721	48.4	1.820	0.767	2226.2
2300	2.953	2.771	34.850	5.08	27.791	27.808	32.456	36.991	41.417	45.740	47.5	1.868	0.775	2328.0
2400	2.791	2.602	34.843	5.06	27.800	27.817	32.470	37.009	41.440	45.767	46.4	1.915	0.782	2429.8
2500	2.792	2.593	34.859	5.29	27.813	27.831	32.484	37.024	41.454	45.781	45.9	1.961	0.579	2531.7
2600	2.628	2.423	34.842	5.30	27.814	27.832	32.490	37.035	41.470	45.800	45.3	2.007	0.589	2633.6
2700	2.491	2.278	34.830	5.20	27.816	27.834	32.496	37.045	41.483	45.818	44.8	2.052	0.646	2735.6
2800	2.435	2.213	34.837	5.20	27.827	27.845	32.509	37.059	41.500	45.836	44.0	2.096	0.702	2837.6
2900	2.229	2.001	34.814	5.24	27.825	27.844	32.514	37.070	41.516	45.858	43.2	2.140	0.748	2939.7
3000	2.033	1.800	34.791	5.09	27.823	27.841	32.517	37.079	41.531	45.878	42.4	2.183	0.753	3041.8
3200	1.739	1.492	34.766	4.86	27.826	27.844	32.529	37.100	41.560	45.915	40.7	2.266	0.683	3246.2
3400	1.444	1.183	34.746	4.85	27.832	27.850	32.545	37.124	41.592	45.956	38.4	2.345	0.798	3450.8
3600	1.159	0.886	34.727	4.82	27.836	27.854	32.557	37.145	41.622	45.993	36.1	2.419	0.671	3655.5
3800	0.903	0.615	34.709	4.81	27.839	27.858	32.568	37.164	41.648	46.027	33.8	2.489	0.646	3860.5
4000	0.633	0.331	34.696	4.91	27.846	27.863	32.583	37.187	41.679	46.065	30.9	2.554	0.720	4065.6
4200	0.426	0.109	34.683	5.01	27.847	27.865	32.591	37.202	41.701	46.093	28.8	2.613	0.634	4270.9
4400	0.302	-0.033	34.679	5.07	27.851	27.869	32.599	37.214	41.717	46.113	27.3	2.669	0.476	4476.5
4600	0.240	-0.116	34.675	5.15	27.852	27.871	32.604	37.220	41.726	46.124	26.5	2.723	0.482	4682.2
4800	0.208	-0.169	34.673	5.15	27.852	27.872	32.606	37.225	41.731	46.131	26.1	2.776	0.234	4888.1
5000	0.200	-0.201	34.670	5.17	27.850	27.871	32.606	37.225	41.733	46.134	26.2	2.828	0.112	5094.2
5164	0.212	-0.209	34.671	5.12	27.850	27.872	32.608	37.227	41.735	46.136	26.4	2.871	0.363	5264.0

DE	TE	PT	SA	OX	SIL	PO4	N3	N2	ST	S0	S2	S4	PR	FLAG
0	16.834	16.834	34.728	6.00	0.5	0.25	0.20	0.00	25.362	25.362	33.937	42.122	0.	B1
45	12.690	12.683	34.767	6.05	1.8	0.59	5.10	0.06	26.292	26.293	35.019	43.344	46.	
98	11.629	11.616	34.908	5.58	2.8	0.86	10.40	0.08	26.606	26.608	35.374	43.737	99.	
208	9.238	9.214	34.674	5.34	5.7	1.27	17.20	0.02	26.844	26.848	35.718	44.177	210.	
296	6.966	6.938	34.407	5.50	8.8	1.57	22.20	0.01	26.977	26.981	35.960	44.519	299.	
393	5.581	5.548	34.306	5.65	11.9	1.75	25.10	0.00	27.078	27.082	36.130	44.752	397.	
491	4.559	4.521	34.226	6.00	13.7	1.82	26.10	0.00	27.133	27.137	36.238	44.910	496.	
547	4.154	4.114	34.206	6.10	15.3	1.86	26.80	0.01	27.161	27.165	36.287	44.979	552.	
593	3.982	3.939	34.205	6.09	17.1	1.89	27.30	0.00	27.178	27.182	36.314	45.014	599.	
641	3.846	3.800	34.202	6.02	18.1	1.92	27.70	0.00	27.189	27.194	36.333	45.040	647.	
693	3.682	3.633	34.208	5.93	20.6	1.97	28.30	0.00	27.210	27.215	36.363	45.078	699.	
885	3.117	3.056	34.258	5.35	33.5	2.15	31.40	0.00	27.304	27.310	36.487	45.231	894.	
1085	2.866	2.792	34.346	4.81	46.9	2.29	33.20	0.00	27.397	27.404	36.594	45.349	1096.	
1285	2.769	2.680	34.465	4.33	59.1	2.34	34.10	0.00	27.501	27.509	36.703	45.462	1299.	
1477	2.812	2.706	34.578	4.26	61.0	2.26	32.90	0.01	27.587	27.596	36.788	45.544	1494.	
1712	2.847	2.721	34.693	4.37	62.1	2.10	31.10	0.00	27.676	27.687	36.875	45.629	1733.	
1974	2.887	2.736	34.773	4.68	57.9	1.92	28.40	0.01	27.736	27.749	36.936	45.687	1999.	
2462	2.733	2.538	34.850	5.17	52.4	1.75	25.60	0.01	27.811	27.828	37.024	45.784	2495.	
2955	2.013	1.784	34.785	4.83	81.5	1.97	28.90	0.00	27.820	27.838	37.076	45.876	2998.	
3451	1.375	1.110	34.745	4.86	99.0	2.09	30.40	0.00	27.836	27.854	37.132	45.968	3506.	
3944	0.726	-0.428	34.704	4.92	112.7	2.24	32.20	0.00	27.846	27.864	37.181	46.055	4012.	
4425	0.286	-0.052	34.676	5.12	126.2	2.32	33.10	0.00	27.850	27.868	37.214	46.114	4506.	
4912	0.193	-0.197	34.668	5.13	119.4	2.29	32.70	0.00	27.848	27.869	37.223	46.132	5007.	
5140	0.211	-0.208	34.672	5.12	126.7	2.32	33.20	0.00	27.851	27.873	37.228	46.136	5242.	
														B8

SHIP AT CRUISE 107 STATION 20
START 38 05 S 45 00 W AT 1947 79/12/15
WIND = 22M/S COR. DEPTH = 5152M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.600	17.600	35.312	5.92	25.625	25.625	29.947	34.167	38.291	42.321	237.0	0.000	0.000	-0
10	17.611	17.609	35.305	6.58	25.617	25.618	29.939	34.159	38.282	42.313	238.1	0.024	-1.559	10.1
20	17.610	17.607	35.307	6.46	25.619	25.620	29.942	34.162	38.285	42.316	238.3	0.048	1.898	20.1
30	17.555	17.550	35.300	6.36	25.627	25.628	29.951	34.172	38.296	42.328	237.9	0.071	1.609	30.2
40	17.226	17.220	35.621	6.27	25.953	25.954	30.281	34.505	38.632	42.667	207.2	0.094	10.121	40.2
50	14.096	14.089	34.915	6.21	26.119	26.120	30.507	34.790	38.974	43.064	191.6	0.114	7.269	50.3
60	14.021	14.012	35.032	5.84	26.225	26.226	30.614	34.898	39.082	43.173	181.9	0.132	5.771	60.3
70	14.121	14.111	35.133	5.62	26.281	26.283	30.668	34.949	39.131	43.220	176.8	0.150	4.214	70.4
80	14.037	14.025	35.224	5.81	26.369	26.372	30.758	35.040	39.223	43.312	168.7	0.167	5.279	80.5
90	14.215	14.202	35.318	5.87	26.404	26.407	30.789	35.067	39.247	43.332	169.7	0.184	3.301	90.5
100	13.606	13.592	35.202	5.91	26.442	26.445	30.840	35.130	39.321	43.417	162.3	0.201	3.523	100.6
120	13.162	13.145	35.169	5.64	26.508	26.512	30.915	35.214	39.413	43.517	156.5	0.232	3.252	120.7
140	12.792	12.773	35.161	5.38	26.577	26.580	30.991	35.297	39.503	43.614	150.5	0.263	3.301	140.9
160	11.207	11.187	34.885	5.64	26.666	26.670	31.115	35.454	39.691	43.833	142.1	0.292	3.850	161.0
180	10.750	10.728	34.889	5.64	26.752	26.756	31.211	35.559	39.806	43.956	134.3	0.320	3.713	181.1
200	9.801	9.778	34.743	5.73	26.804	26.808	31.284	35.653	39.920	44.089	129.5	0.346	2.963	201.3
220	8.925	8.901	34.592	5.65	26.830	26.834	31.331	35.720	40.006	44.193	127.0	0.372	2.184	221.4
240	7.971	7.947	34.476	5.76	26.887	26.891	31.410	35.821	40.128	44.336	121.6	0.397	3.111	241.6
260	7.699	7.673	34.460	5.64	26.915	26.919	31.445	35.862	40.175	44.388	119.2	0.421	2.152	261.7
280	7.469	7.441	34.466	5.53	26.953	26.957	31.488	35.911	40.229	44.447	115.8	0.445	2.490	281.9
300	7.047	7.019	34.409	5.39	26.967	26.971	31.514	35.946	40.274	44.501	114.5	0.468	1.662	302.0
320	6.702	6.672	34.375	5.31	26.988	26.992	31.543	35.984	40.319	44.555	112.6	0.490	1.920	322.2
340	6.047	6.018	34.305	5.43	27.019	27.023	31.590	36.047	40.398	44.649	109.4	0.512	2.378	342.4
360	5.942	5.911	34.312	5.38	27.038	27.042	31.612	36.072	40.426	44.678	107.8	0.534	1.783	362.5
380	5.569	5.538	34.284	5.34	27.062	27.065	31.645	36.114	40.477	44.738	105.5	0.555	2.060	382.7
400	5.424	5.391	34.274	5.41	27.072	27.076	31.659	36.132	40.498	44.762	104.7	0.577	1.348	402.8
450	4.781	4.746	34.227	5.61	27.109	27.113	31.713	36.202	40.584	44.864	101.1	0.628	1.670	453.3
500	4.479	4.441	34.215	5.69	27.133	27.137	31.746	36.242	40.632	44.919	99.0	0.678	1.330	503.8
550	4.185	4.144	34.194	5.75	27.148	27.152	31.769	36.273	40.670	44.964	97.7	0.727	1.088	554.2
600	3.975	3.931	34.196	5.73	27.171	27.176	31.798	36.308	40.710	45.009	95.7	0.776	1.299	604.7
650	3.841	3.794	34.202	5.59	27.190	27.195	31.821	36.334	40.739	45.041	94.1	0.823	1.150	655.2
700	3.655	3.605	34.205	5.63	27.211	27.216	31.847	36.365	40.775	45.082	92.2	0.870	1.244	705.7
750	3.446	3.394	34.211	5.53	27.236	27.241	31.878	36.402	40.817	45.129	89.9	0.915	1.357	756.2
800	3.279	3.224	34.219	5.43	27.258	27.263	31.904	36.433	40.852	45.168	87.9	0.959	1.268	806.7
900	3.015	2.954	34.249	5.24	27.307	27.312	31.961	36.496	40.922	45.244	83.4	1.045	1.255	907.8
1000	2.983	2.915	34.320	4.90	27.366	27.372	32.021	36.556	40.983	45.306	78.5	1.126	1.460	1008.9
1100	2.881	2.806	34.374	4.65	27.418	27.425	32.076	36.614	41.043	45.368	74.0	1.203	1.460	1110.1
1200	2.759	2.677	34.427	4.44	27.471	27.479	32.133	36.674	41.106	45.434	69.3	1.274	1.362	1211.3
1300	2.739	2.649	34.483	4.27	27.518	27.526	32.180	36.721	41.154	45.482	65.5	1.342	1.169	1312.6
1400	2.736	2.638	34.538	4.16	27.562	27.570	32.225	36.766	41.198	45.526	62.0	1.405	1.033	1414.0
1500	2.795	2.688	34.597	4.17	27.604	27.613	32.266	36.805	41.235	45.562	59.0	1.466	1.150	1515.4
1600	2.874	2.758	34.652	4.25	27.641	27.651	32.301	36.838	41.266	45.590	56.5	1.524	1.092	1616.8
1700	2.815	2.691	34.676	4.25	27.665	27.676	32.328	36.867	41.296	45.622	54.6	1.579	0.958	1718.3
1800	2.985	2.849	34.745	4.45	27.705	27.717	32.364	36.898	41.323	45.644	52.3	1.633	1.075	1819.9
1900	2.948	2.804	34.777	4.64	27.733	27.746	32.394	36.929	41.355	45.677	50.2	1.684	1.025	1921.5
2000	2.976	2.822	34.809	4.88	27.756	27.770	32.418	36.952	41.377	45.698	48.9	1.734	0.924	2023.2
2100	2.990	2.827	34.835	5.08	27.775	27.790	32.438	36.971	41.396	45.717	47.9	1.782	0.837	2124.8
2200	2.944	2.771	34.845	5.22	27.788	27.804	32.453	36.988	41.414	45.736	47.1	1.830	0.679	2226.6
2300	2.863	2.682	34.853	5.31	27.802	27.818	32.469	37.006	41.434	45.759	46.1	1.876	0.773	2328.4
2400	2.824	2.634	34.864	5.41	27.814	27.831	32.483	37.022	41.451	45.777	45.3	1.922	0.678	2430.3
2500	2.702	2.505	34.858	5.40	27.820	27.838	32.493	37.035	41.468	45.797	44.7	1.967	0.553	2532.1
2600	2.590	2.385	34.853	5.44	27.826	27.844	32.503	37.048	41.484	45.816	44.0	2.011	0.606	2634.1
2700	2.484	2.271	34.850	5.44	27.833	27.851	32.513	37.061	41.500	45.835	43.3	2.055	0.709	2736.1
2800	2.306	2.087	34.830	5.39	27.832	27.850	32.518	37.071	41.515	45.855	42.6	2.098	0.595	2838.1
2900	2.074	1.849	34.807	5.29	27.833	27.850	32.525	37.085	41.536	45.881	41.4	2.140	0.815	2940.2
3000	1.789	1.561	34.776	5.13	27.830	27.848	32.531	37.099	41.558	45.910	40.0	2.180	0.802	3042.4
3200	1.454	1.214	34.735	4.74	27.822	27.839	32.532	37.111	41.579	45.941	38.8	2.259	0.609	3246.8
3400	1.271	1.015	34.731	4.84	27.832	27.850	32.549	37.133	41.606	45.974	36.9	2.335	0.630	3451.4
3600	1.074	0.803	34.720	4.85	27.837	27.855	32.560	37.150	41.630	46.003	35.2	2.408	0.734	3656.2
3800	0.755	0.471	34.701	4.90	27.842	27.859	32.574	37.174	41.663	46.045	32.2	2.475	0.898	3861.2
4000	0.514	0.216	34.690	4.98	27.848	27.865	32.588	37.195	41.690	46.080	29.6	2.537	0.615	4066.4
4200	0.373	0.057	34.683	5.05	27.850	27.868	32.596	37.207	41.708	46.101	28.0	2.594	0.553	4271.7
4400	0.285	-0.050	34.677	5.10	27.851	27.869	32.600	37.215	41.718	46.114	27.1	2.649	0.492	4477.3
4600	0.230	-0.126	34.674	5.16	27.851	27.870	32.604	37.220	41.726	46.125	26.4	2.702	0.301	4683.0
4800	0.214	-0.164	34.673	5.18	27.851	27.871	32.606	37.224	41.731	46.130	26.3	2.755	0.164	4888.9
5000	0.219	-0.183	34.670	5.20	27.849	27.870	32.604	37.223	41.730	46.131	26.6	2.808	-	5095.1
5143	0.225	-0.194	34.673	5.16	27.851	27.873	32.608	37.227	41.734	46.135	26.5	2.846	0.361	5243.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	17.535	17.535	35.311	5.72	1.7	0.25	0.30	0.01	25.641	25.641	34.185	42.341	0.	
43	15.227	15.220	35.249	5.52	1.9	0.48	0.30	0.18	26.130	26.132	34.756	42.987	44.	
99	13.160	13.148	35.072	5.81	2.2	0.60	0.50	0.31	26.433	26.436	35.139	43.444	90.	
191	9.912	8.891	34.605	5.65	5.4	1.26	16.90	0.02	26.843	26.846	35.732	44.205	193.	
293	6.884	6.857	34.403	5.56	9.0	1.60	22.20	0.01	26.985	26.989	35.972	44.534	286.	
487	4.385	4.348	34.207	6.25	13.4	1.79	25.50	0.00	27.137	27.141	36.251	44.932	492.	
683	3.504	3.456	34.188	6.14	20.7	1.97	28.20	0.00	27.212	27.217	36.374	45.098	690.	
879	3.043	2.984	34.253	5.56	33.4	2.17	31.30	0.00	27.307	27.313	36.494	45.241	888.	
986	2.877	2.810	34.310	5.05	42.1	2.25	32.60	0.00	27.368	27.374	36.563	45.318	996.	
1181	2.768	2.687	34.425	4.49	55.1	2.35	33.90	0.00	27.469	27.476	36.671	45.430	1194.	
1375	2.745	2.649	34.542	4.24	62.7	2.33	33.80	0.00	27.564	27.573	36.768	45.527	1391.	
1578	2.820	2.706	34.641	4.29	62.4	2.21	32.20	0.00	27.637	27.647	36.837	45.592	1596.	B89
1776	2.791	2.660	34.709	4.40	63.2	2.11	30.80	0.00	27.693	27.705	36.897	45.653	1798.	
1974	2.921	2.770	34.795	4.81	54.4	1.91	27.90	0.00	27.750	27.764	36.948	45.697	1999.	
2216	2.903	2.730	34.843	5.12	49.1	1.76	25.70	0.01	27.790	27.806	36.991	45.742	2246.	
2463	2.734	2.539	34.868	5.29	48.4	1.67	24.50	0.01	27.825	27.843	37.038	45.798	2497.	
2960	1.988	1.760	34.799	5.03	71.9	1.85	27.20	0.01	27.833	27.851	37.091	45.892	3005.	
3203	1.453	1.212	34.733	4.68	103.0	2.19	31.60	0.00	27.821	27.838	37.109	45.940	3253.	
3450	1.232	0.971	34.763	4.83	91.1	1.99	28.70	0.01	27.860	27.878	37.163	46.006	3505.	B145
3690	0.948	0.671	34.711	4.83	113.7	2.24	32.10	0.00	27.838	27.855	37.159	46.018	3751.	
3938	0.574	0.281	34.692	4.98	120.3	2.28	32.70	0.00	27.846	27.863	37.189	46.071	4006.	
4429	0.270	-0.068	34.686	5.14	117.0	2.25	32.30	0.00	27.859	27.877	37.224	46.124	4510.	D1
4917	0.213	-0.179	34.672	5.20	126.2	2.32	33.00	0.00	27.851	27.871	37.225	46.132	5013.	
5129	0.224	-0.194	34.669	5.17	127.6	2.33	33.20	0.00	27.848	27.869	37.224	46.132	5232.	

SHIP AT CRUISE 107 STATION 21
START 38 57.52 S 45 3.99 W AT 536 79/12/16
WIND = 15M/S COR. DEPTH = 5172M

DE	TE	PT	SA	DX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.959	15.959	35.064	5.77	25.823	25.823	30.174	34.424	38.575	42.633	218.3	0.000	0.000	-0
10	15.962	15.961	35.060	6.04	25.819	25.820	30.171	34.420	38.572	42.630	218.9	0.022	-0.983	10.1
20	15.598	15.595	35.368	6.23	26.139	26.139	30.496	34.749	38.904	42.966	188.9	0.042	10.018	20.1
30	15.203	15.198	35.410	6.00	26.260	26.261	30.624	34.884	39.046	43.113	177.7	0.061	6.178	30.2
40	15.405	15.399	35.530	5.77	26.307	26.308	30.667	34.922	39.080	43.144	173.6	0.078	3.844	40.2
50	15.438	15.431	35.546	5.67	26.312	26.313	30.671	34.926	39.083	43.147	173.4	0.095	1.301	50.2
60	15.508	15.499	35.573	5.59	26.316	26.318	30.675	34.928	39.084	43.146	173.3	0.113	1.219	60.4
70	15.501	15.490	35.585	5.55	26.327	26.330	30.686	34.940	39.096	43.158	172.6	0.130	1.907	70.4
80	15.298	15.285	35.566	5.53	26.358	26.361	30.722	34.979	39.138	43.204	169.9	0.147	3.147	80.5
90	14.965	14.951	35.554	5.51	26.423	26.426	30.792	35.056	39.221	43.292	164.1	0.164	4.524	90.5
100	14.800	14.785	35.598	5.34	26.493	26.497	30.866	35.132	39.299	43.373	157.6	0.180	4.723	100.6
120	14.582	14.564	35.569	5.32	26.518	26.522	30.896	35.166	39.338	43.415	155.8	0.211	2.027	120.7
140	14.003	13.983	35.464	5.28	26.561	26.566	30.951	35.232	39.414	43.503	152.2	0.242	2.648	140.9
160	13.512	13.489	35.367	5.16	26.589	26.594	30.989	35.280	39.472	43.569	150.0	0.272	2.161	161.0
180	13.114	13.089	35.291	5.11	26.612	26.617	31.021	35.320	39.519	43.624	148.3	0.302	1.973	181.2
200	12.429	12.403	35.176	4.96	26.660	26.665	31.083	35.396	39.609	43.726	144.1	0.331	2.816	201.3
220	11.941	11.912	35.112	5.04	26.705	26.710	31.139	35.461	39.684	43.810	140.2	0.360	2.719	221.4
240	11.289	11.259	35.009	5.01	26.747	26.753	31.196	35.532	39.768	43.907	136.4	0.388	2.685	241.6
260	10.297	10.266	34.839	4.91	26.794	26.799	31.264	35.622	39.878	44.037	132.0	0.414	2.855	261.7
280	9.656	9.624	34.742	4.88	26.827	26.833	31.312	35.685	39.954	44.126	128.9	0.440	2.420	281.9
300	9.031	8.998	34.654	4.83	26.862	26.867	31.361	35.747	40.031	44.216	125.7	0.466	2.454	302.0
320	8.506	8.472	34.586	4.83	26.892	26.897	31.404	35.802	40.097	44.293	122.9	0.491	2.311	322.2
340	7.746	7.712	34.501	4.90	26.939	26.944	31.469	35.885	40.197	44.410	118.2	0.515	2.893	342.3
360	7.371	7.336	34.464	4.97	26.965	26.970	31.504	35.929	40.249	44.470	115.9	0.538	2.115	362.5
380	7.166	7.130	34.445	4.99	26.979	26.984	31.524	35.953	40.278	44.504	114.7	0.561	1.611	382.6
400	6.671	6.634	34.393	5.10	27.007	27.012	31.564	36.005	40.342	44.578	112.0	0.584	2.240	402.8
450	5.634	5.596	34.306	5.33	27.071	27.076	31.654	36.121	40.483	44.742	105.5	0.638	2.179	453.3
500	4.795	4.756	34.228	5.65	27.108	27.113	31.713	36.201	40.583	44.863	101.7	0.690	1.718	503.7
550	4.398	4.357	34.211	5.92	27.139	27.143	31.754	36.253	40.644	44.933	98.8	0.740	1.506	554.2
600	4.248	4.203	34.224	5.82	27.165	27.170	31.785	36.287	40.683	44.975	96.6	0.789	1.346	604.6
650	4.040	3.992	34.217	5.81	27.182	27.187	31.807	36.315	40.716	45.013	95.2	0.837	1.125	655.1
700	3.728	3.678	34.198	5.94	27.198	27.203	31.832	36.348	40.756	45.061	93.6	0.884	1.171	705.6
750	3.710	3.656	34.230	5.86	27.225	27.231	31.860	36.376	40.785	45.090	91.4	0.931	1.323	756.1
800	3.514	3.457	34.244	5.78	27.256	27.261	31.896	36.417	40.831	45.141	88.6	0.976	1.471	806.6
900	3.229	3.167	34.270	5.62	27.304	27.309	31.952	36.481	40.901	45.218	84.2	1.062	1.347	907.7
1000	2.978	2.910	34.298	5.54	27.349	27.355	32.004	36.540	40.967	45.290	80.0	1.144	1.360	1008.6
1100	2.897	2.822	34.348	5.20	27.396	27.403	32.054	36.592	41.021	45.345	76.0	1.222	1.315	1110.0
1200	2.875	2.792	34.411	4.93	27.448	27.455	32.107	36.645	41.074	45.399	71.8	1.296	1.318	1211.2
1300	2.829	2.738	34.468	4.70	27.498	27.506	32.158	36.697	41.127	45.453	67.7	1.366	1.161	1312.5
1400	2.809	2.710	34.537	4.56	27.555	27.564	32.216	36.755	41.186	45.511	62.9	1.431	1.418	1413.8
1500	2.827	2.719	34.600	4.49	27.603	27.613	32.265	36.803	41.232	45.558	59.1	1.492	1.072	1515.2
1600	2.883	2.767	34.647	4.49	27.635	27.646	32.296	36.833	41.261	45.584	57.0	1.550	1.041	1616.7
1700	2.905	2.780	34.687	4.53	27.666	27.677	32.326	36.862	41.290	45.613	54.9	1.606	0.986	1718.2
1800	2.951	2.816	34.728	4.67	27.694	27.707	32.355	36.889	41.315	45.637	53.1	1.660	0.875	1819.7
1900	3.018	2.873	34.781	4.87	27.730	27.744	32.390	36.922	41.347	45.667	50.8	1.712	1.037	1921.3
2000	3.006	2.852	34.804	5.01	27.750	27.764	32.410	36.944	41.368	45.689	49.6	1.763	0.767	2022.9
2100	3.020	2.856	34.837	5.21	27.775	27.790	32.436	36.969	41.393	45.713	48.1	1.811	0.932	2124.6
2200	3.958	2.786	34.851	5.34	27.792	27.807	32.455	36.990	41.415	45.737	46.9	1.859	0.813	2226.4
2300	2.854	2.673	34.852	5.43	27.802	27.818	32.469	37.006	41.435	45.759	46.0	1.905	0.727	2328.2
2400	2.772	2.583	34.855	5.44	27.812	27.828	32.482	37.022	41.453	45.779	45.3	1.951	0.728	2430.0
2500	2.654	2.458	34.850	5.46	27.818	27.835	32.492	37.035	41.470	45.800	44.6	1.996	0.584	2531.9
2600	2.531	2.328	34.844	5.47	27.824	27.842	32.502	37.049	41.487	45.820	43.8	2.040	0.682	2633.6
2700	2.372	2.161	34.830	5.41	27.826	27.844	32.509	37.061	41.503	45.840	43.1	2.083	0.563	2735.8
2800	2.167	1.951	34.808	5.26	27.826	27.843	32.515	37.072	41.520	45.863	42.3	2.126	0.631	2837.6
2900	1.970	1.748	34.783	5.11	27.822	27.839	32.516	37.080	41.533	45.882	41.7	2.168	0.609	2939.9
3000	1.790	1.562	34.759	4.95	27.817	27.834	32.517	37.085	41.544	45.897	41.2	2.209	0.579	3042.1
3200	1.507	1.266	34.730	4.75	27.814	27.832	32.523	37.100	41.567	45.928	39.9	2.291	0.684	3246.5
3400	1.428	1.168	34.724	4.71	27.815	27.834	32.528	37.108	41.578	45.941	39.7	2.370	0.398	3451.1
3600	1.349	1.070	34.720	4.72	27.818	27.837	32.535	37.117	41.590	45.956	39.3	2.449	0.465	3655.8
3800	1.269	0.971	34.721	4.77	27.824	27.844	32.544	37.130	41.605	45.973	38.6	2.527	0.558	3860.8
4000	0.971	0.660	34.710	4.88	27.836	27.855	32.565	37.159	41.642	46.020	35.1	2.601	0.897	4065.9
4200	0.659	0.334	34.694	4.98	27.842	27.861	32.581	37.184	41.677	46.063	31.7	2.668	0.772	4271.3
4400	0.430	0.091	34.681	5.04	27.845	27.864	32.591	37.202	41.701	46.094	29.1	2.728	0.615	4476.6
4600	0.282	-0.075	34.675	5.10	27.849	27.868	32.600	37.215	41.719	46.117	27.2	2.785	0.550	4682.5
4800	0.235	-0.144	34.672	5.20	27.849	27.869	32.603	37.221	41.727	46.126	26.7	2.838	0.383	4888.4
5000	0.214	-0.188	34.669	5.20	27.848	27.869	32.604	37.223	41.731	46.131	26.5	2.891	0.299	5094.5
5086	0.200	-0.211	34.667	5.21	27.847	27.869	32.604	37.224	41.732	46.133	26.5	2.914	0.348	5184.0

DE	TE	PT	SA	DX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
605	4.416	4.370	34.247	5.84	16.3	1.85	26.20	0.00	27.165	27.170	36.279	44.958	611.	B8
1259	2.838	2.750	34.453	5.85				0.00	27.485	27.493	36.684	45.439	1273.	B24
2242	2.893	2.717	34.854	4.38	56.6	2.32	33.30	0.00	27.800	27.816	37.002	45.753	2271.	B2
3916	1.148	0.840	34.720		50.2		25.10	0.00	27.832	27.852	37.145	45.996	3984.	B456
4816	0.236	-0.144	34.676	5.15	116.5	2.17	31.70	0.00	27.853	27.873	37.224	46.129	4909.	B459
5014	0.213	-0.191	34.683	5.22	130.1	2.33	33.00	0.00	27.859	27.881	37.235	46.142	5113.	B18

SHIP AT CRUISE 107 STATION 22
START 40 02 S 44 56.30 W AT 2046 79/12/16
WIND = 18M/S COR. DEPTH = 5110M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.095	15.095	34.738	6.74	25.766	25.766	30.136	34.402	38.570	42.644	223.6	0.000	0.000	- .0
10	15.099	15.097	34.740	7.07	25.767	25.767	30.137	34.403	38.570	42.644	223.9	.022	.508	10.1
20	14.814	14.811	34.857	6.94	25.920	25.920	30.294	34.565	38.737	42.814	209.7	.044	6.935	20.1
30	15.666	15.661	35.424	6.29	26.166	26.167	30.522	34.774	38.928	42.988	186.6	.064	8.796	30.2
40	16.144	16.137	35.715	5.80	26.281	26.282	30.626	34.868	39.012	43.064	176.1	.082	5.997	40.3
50	15.906	15.898	35.719	5.69	26.338	26.340	30.689	34.934	39.083	43.138	170.9	.099	4.271	50.3
60	15.830	15.820	35.723	5.63	26.358	26.360	30.710	34.957	39.107	43.163	169.3	.116	2.532	60.4
70	15.320	15.309	35.615	5.65	26.391	26.393	30.753	35.009	39.168	43.233	166.5	.133	3.221	70.4
80	15.046	15.034	35.576	5.64	26.422	26.425	30.789	35.051	39.215	43.285	163.8	.150	3.166	80.5
90	14.891	14.877	35.578	5.54	26.458	26.461	30.829	35.093	39.259	43.332	160.7	.166	3.388	90.6
100	14.782	14.767	35.572	5.48	26.477	26.481	30.850	35.117	39.285	43.359	159.2	.182	2.496	100.6
120	14.478	14.460	35.533	5.46	26.513	26.517	30.893	35.165	39.339	43.418	156.3	.213	2.400	120.8
140	13.999	13.979	35.443	5.39	26.546	26.550	30.936	35.217	39.400	43.488	153.7	.244	2.327	140.9
160	13.365	13.343	35.324	5.30	26.587	26.591	30.990	35.284	39.479	43.578	150.2	.275	2.604	161.1
180	12.858	12.833	35.238	5.34	26.623	26.628	31.037	35.341	39.545	43.655	147.2	.305	2.444	181.2
200	11.885	11.859	35.057	5.30	26.673	26.678	31.107	35.432	39.656	43.784	142.7	.334	2.907	201.3
220	11.330	11.302	34.974	5.19	26.713	26.718	31.160	35.496	39.731	43.869	139.2	.362	2.594	221.5
240	10.833	10.804	34.909	5.08	26.753	26.758	31.211	35.558	39.803	43.951	135.6	.389	2.588	241.6
260	10.132	10.101	34.802	5.15	26.794	26.799	31.268	35.630	39.889	44.051	131.9	.416	2.646	261.8
280	8.923	8.892	34.610	5.61	26.845	26.850	31.347	35.735	40.021	44.209	126.8	.442	3.023	281.9
300	8.057	8.026	34.490	5.79	26.885	26.890	31.408	35.817	40.122	44.328	122.8	.467	2.693	302.1
320	7.182	7.151	34.378	5.89	26.924	26.928	31.468	35.897	40.222	44.448	118.9	.491	2.658	322.3
340	6.834	6.802	34.379	5.77	26.974	26.978	31.526	35.964	40.296	44.529	114.3	.514	2.865	342.4
360	6.272	6.240	34.321	5.64	27.003	27.007	31.569	36.020	40.366	44.611	111.4	.537	2.298	362.6
380	5.712	5.680	34.266	5.83	27.030	27.034	31.610	36.076	40.435	44.693	108.6	.559	2.269	382.7
400	5.405	5.372	34.239	5.91	27.047	27.050	31.635	36.108	40.475	44.740	107.0	.580	1.745	402.9
450	5.148	5.112	34.256	5.92	27.090	27.094	31.685	36.165	40.538	44.809	103.3	.633	1.709	453.4
500	4.611	4.572	34.222	5.91	27.125	27.129	31.734	36.227	40.613	44.897	100.0	.684	1.607	503.8
550	4.304	4.263	34.210	6.00	27.148	27.152	31.766	36.267	40.660	44.952	97.9	.733	1.318	554.3
600	4.120	4.076	34.213	6.03	27.170	27.174	31.793	36.299	40.697	44.992	96.0	.782	1.249	604.8
650	3.835	3.788	34.199	5.95	27.188	27.193	31.819	36.333	40.738	45.040	94.3	.829	1.216	655.3
700	3.599	3.549	34.197	5.89	27.210	27.215	31.847	36.367	40.778	45.086	92.3	.876	1.274	705.8
750	3.586	3.533	34.228	5.67	27.236	27.241	31.874	36.394	40.806	45.114	90.2	.922	1.293	756.3
800	3.345	3.289	34.229	5.62	27.260	27.265	31.904	36.430	40.848	45.163	87.9	.966	1.343	806.8
900	3.104	3.042	34.257	5.34	27.304	27.310	31.956	36.489	40.912	45.233	83.8	1.052	1.162	907.9
1000	2.938	2.870	34.298	5.05	27.353	27.359	32.009	36.546	40.973	45.298	79.6	1.134	1.347	1009.1
1100	2.907	2.831	34.365	4.69	27.409	27.416	32.066	36.603	41.032	45.357	74.9	1.211	1.445	1110.3
1200	2.858	2.775	34.424	4.40	27.460	27.468	32.120	36.658	41.087	45.412	70.6	1.284	1.415	1211.5
1300	2.835	2.744	34.481	4.25	27.507	27.515	32.167	36.706	41.136	45.462	66.8	1.353	1.115	1312.9
1400	2.826	2.727	34.540	4.13	27.555	27.564	32.216	36.755	41.184	45.510	62.9	1.417	1.250	1414.2
1476	2.829	2.724	34.574	4.14	27.582	27.592	32.244	36.782	41.212	45.537	60.9	1.465	1.009	1492.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
4	15.077	15.077	34.739	6.05	1.0	0.34	1.00	0.12	25.771	25.771	34.407	42.650	4.	
26	16.133	16.129	35.509	5.01	2.7	0.51	4.50	0.11	26.125	26.126	34.715	42.913	27.	
57	16.263	16.254	35.835	4.95	2.4	0.42	4.00	0.02	26.345	26.347	34.927	43.118	58.	
100	14.644	14.629	35.525	4.96	3.1	0.60	6.70	0.01	26.471	26.474	35.116	43.364	101.	
149	13.260	13.239	35.050	4.92	4.9	1.01	12.90	0.01	26.396	26.401	35.101	43.402	151.	B14
197	11.782	11.756	35.050	4.91	5.0	1.01	12.90	0.01	26.687	26.692	35.451	43.806	199.	B1
299	7.348	7.319	34.379	5.88	7.2	1.50	20.50	0.01	26.902	26.906	35.867	44.410	302.	B1
405	5.094	5.061	34.234	6.15	11.4	1.73	24.40	0.00	27.079	27.083	36.156	44.803	409.	B1
485	4.719	4.681	34.235	6.00	14.1	1.82	25.90	0.00	27.123	27.127	36.219	44.884	490.	
638	3.971	3.925	34.207	6.01	18.4	1.93	27.50	0.00	27.181	27.185	36.317	45.019	644.	
791	3.364	3.309	34.220	5.72	26.8	2.06	29.70	0.00	27.251	27.256	36.421	45.152	799.	
888	3.073	3.013	34.246	5.40	33.2	2.17	31.20	0.00	27.299	27.304	36.484	45.230	898.	
988	2.950	2.883	34.304	5.21	37.0	2.17	31.20	0.00	27.356	27.362	36.548	45.300	999.	B1
1085	2.921	2.846	34.359	4.79	47.7	2.31	33.30	0.00	27.403	27.409	36.597	45.349	1096.	
1279	2.827	2.737	34.472	4.34	58.3	2.35	33.70	0.00	27.501	27.509	36.700	45.456	1294.	
1450	2.854	2.750	34.565	4.25	60.9	2.29	32.90	0.00	27.573	27.582	36.771	45.525	1467.	B8

SHIP AT CRUISE 107 STATION 23
START 40 59.22 S 44 59.76 W AT 407 79/12/17
WIND = 9M/S COR. DEPTH = 5079M

DE	TE	PT	SA	DX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.001	13.001	34.534	6.72	26.050	26.050	30.460	34.766	38.972	43.082	196.8	0.000	0.000	-0
10	13.004	13.002	34.533	7.52	26.048	26.049	30.459	34.765	38.971	43.082	197.2	0.020	-0.549	10.1
20	13.005	13.002	34.531	7.92	26.047	26.047	30.458	34.764	38.970	43.081	197.6	0.039	-0.640	20.1
30	13.003	12.999	34.532	7.96	26.048	26.049	30.460	34.765	38.971	43.082	197.7	0.059	-0.648	30.2
40	12.879	12.874	34.540	7.76	26.078	26.079	30.493	34.801	39.009	43.122	195.1	0.079	3.108	40.3
50	12.197	12.191	34.564	6.81	26.231	26.232	30.658	34.980	39.200	43.325	180.8	0.098	6.931	50.3
60	11.810	11.802	34.564	6.73	26.305	26.307	30.741	35.070	39.298	43.430	174.0	0.115	4.853	60.4
70	11.415	11.406	34.570	6.72	26.384	26.385	30.828	35.165	39.400	43.540	166.7	0.132	4.987	70.4
80	10.573	10.563	34.592	6.74	26.553	26.555	31.015	35.369	39.621	43.776	150.8	0.148	7.324	80.5
90	10.037	10.026	34.601	6.67	26.653	26.655	31.127	35.491	39.754	43.919	141.5	0.163	5.622	90.6
100	9.733	9.722	34.592	6.63	26.697	26.699	31.178	35.549	39.818	43.989	137.4	0.177	3.763	100.6
120	9.441	9.428	34.593	6.50	26.747	26.749	31.234	35.612	39.886	44.064	133.1	0.204	2.817	120.8
140	9.138	9.123	34.585	6.41	26.791	26.793	31.285	35.669	39.950	44.133	129.2	0.230	2.653	140.9
160	8.708	8.691	34.569	6.34	26.847	26.850	31.352	35.745	40.036	44.227	124.2	0.255	3.013	161.1
180	8.170	8.152	34.523	6.27	26.894	26.897	31.411	35.817	40.119	44.322	120.0	0.280	2.774	181.2
200	7.599	7.579	34.451	6.22	26.922	26.925	31.454	35.873	40.188	44.404	117.4	0.304	2.212	201.3
220	6.457	6.437	34.346	6.18	26.998	27.001	31.558	36.004	40.345	44.586	110.0	0.326	3.571	221.5
240	5.715	5.695	34.281	6.17	27.041	27.044	31.620	36.085	40.444	44.701	105.8	0.348	2.731	241.6
260	5.263	5.242	34.245	6.17	27.068	27.070	31.658	36.134	40.504	44.772	103.3	0.369	2.141	261.8
280	4.993	4.972	34.225	6.11	27.083	27.086	31.681	36.164	40.540	44.815	101.9	0.389	1.659	282.0
300	4.755	4.732	34.210	6.15	27.099	27.101	31.702	36.191	40.574	44.854	100.5	0.410	1.640	302.1
320	4.483	4.460	34.194	6.14	27.116	27.118	31.727	36.223	40.612	44.899	98.9	0.430	1.750	322.3
340	4.341	4.316	34.186	6.17	27.125	27.128	31.740	36.240	40.633	44.923	98.0	0.449	1.305	342.4
360	4.153	4.127	34.177	6.19	27.138	27.140	31.758	36.263	40.660	44.955	96.9	0.469	1.488	362.6
380	3.994	3.967	34.171	6.24	27.149	27.152	31.774	36.283	40.684	44.982	95.8	0.488	1.444	382.8
400	3.920	3.891	34.171	6.28	27.157	27.160	31.783	36.294	40.698	44.998	95.2	0.507	1.159	403.0
450	3.724	3.693	34.172	6.27	27.178	27.181	31.810	36.326	40.734	45.039	93.5	0.554	1.210	453.4
500	3.480	3.447	34.172	6.14	27.202	27.205	31.840	36.363	40.777	45.088	91.3	0.600	1.302	503.9
550	3.275	3.239	34.169	6.08	27.219	27.222	31.863	36.391	40.811	45.127	89.8	0.646	1.129	554.2
600	3.163	3.124	34.188	5.97	27.244	27.248	31.892	36.423	40.845	45.164	87.6	0.690	1.309	604.8
650	3.011	2.968	34.213	5.76	27.278	27.282	31.930	36.465	40.891	45.213	84.5	0.733	1.516	655.2
700	2.963	2.917	34.229	5.58	27.295	27.299	31.949	36.485	40.912	45.236	83.1	0.775	1.068	705.8
750	2.900	2.851	34.248	5.47	27.316	27.321	31.972	36.510	40.938	45.264	81.4	0.816	1.187	756.3
800	2.877	2.824	34.276	5.28	27.341	27.345	31.997	36.535	40.964	45.290	79.4	0.856	1.244	806.9
900	2.813	2.754	34.330	4.92	27.389	27.395	32.048	36.587	41.018	45.345	75.3	0.933	1.151	908.0
1000	2.752	2.686	34.398	4.57	27.449	27.455	32.109	36.650	41.082	45.410	70.2	1.006	1.365	1009.1
1100	2.716	2.642	34.454	4.34	27.497	27.503	32.159	36.700	41.133	45.461	66.2	1.074	1.152	1110.3
1200	2.772	2.690	34.523	4.23	27.547	27.554	32.207	36.747	41.178	45.504	62.4	1.138	1.125	1211.6
1300	2.773	2.683	34.570	4.21	27.584	27.592	32.245	36.785	41.215	45.542	59.5	1.199	9.288	1312.9
1400	2.746	2.648	34.613	4.20	27.621	27.630	32.284	36.824	41.255	45.582	56.6	1.257	1.198	1414.3
1500	2.821	2.713	34.669	4.28	27.659	27.668	32.320	36.858	41.287	45.612	54.0	1.312	1.015	1515.7
1600	2.833	2.716	34.707	4.39	27.688	27.698	32.350	36.887	41.316	45.640	52.0	1.365	9.02	1617.2
1700	2.793	2.668	34.729	4.50	27.709	27.720	32.373	36.911	41.341	45.666	50.5	1.417	9.14	1718.7
1800	2.941	2.806	34.778	4.66	27.735	27.747	32.396	36.930	41.356	45.678	49.4	1.466	7.31	1820.2
1900	2.833	2.690	34.785	4.85	27.750	27.763	32.414	36.951	41.380	45.705	48.2	1.515	7.53	1921.8
2000	2.713	2.563	34.789	4.86	27.764	27.778	32.432	36.973	41.405	45.733	46.9	1.563	8.56	2023.5
2100	2.801	2.640	34.824	5.01	27.785	27.799	32.451	36.990	41.419	45.745	46.1	1.609	7.16	2125.2
2200	2.733	2.564	34.830	5.11	27.795	27.810	32.464	37.005	41.436	45.764	45.4	1.655	6.64	2227.0
2300	2.795	2.615	34.860	5.36	27.814	27.830	32.482	37.021	41.451	45.777	44.6	1.700	6.78	2328.8
2400	2.709	2.522	34.859	5.47	27.821	27.837	32.492	37.034	41.466	45.794	44.1	1.744	6.31	2430.7
2500	2.648	2.451	34.863	5.44	27.829	27.846	32.503	37.046	41.481	45.811	43.6	1.788	6.22	2532.6
2600	2.600	2.394	34.864	5.58	27.834	27.852	32.511	37.055	41.491	45.823	43.3	1.831	6.44	2634.5
2700	2.452	2.239	34.847	5.51	27.833	27.851	32.514	37.064	41.503	45.839	43.0	1.875	5.12	2736.5
2800	2.269	2.050	34.827	5.41	27.833	27.851	32.520	37.074	41.519	45.860	42.3	1.917	6.75	2838.6
2900	1.978	1.756	34.789	5.25	27.826	27.843	32.521	37.083	41.536	45.885	41.4	1.959	6.59	2940.7
3000	1.788	1.560	34.770	5.04	27.825	27.842	32.525	37.094	41.552	45.906	40.4	2.000	6.87	3042.8
3200	1.456	1.215	34.745	4.92	27.830	27.847	32.540	37.118	41.587	45.949	38.1	2.079	7.70	3247.3
3400	1.224	0.969	34.729	4.87	27.833	27.851	32.551	37.136	41.611	45.980	36.4	2.153	6.67	3451.9
3600	0.930	0.662	34.708	4.84	27.836	27.853	32.563	37.157	41.640	46.017	34.0	2.224	7.12	3656.7
3800	0.694	0.412	34.695	4.91	27.841	27.858	32.575	37.176	41.667	46.051	31.7	2.289	7.94	3861.7
4000	0.482	0.184	34.684	4.96	27.845	27.862	32.586	37.194	41.691	46.081	29.5	2.351	6.44	4066.9
4200	0.322	0.008	34.675	5.04	27.847	27.864	32.593	37.206	41.708	46.103	27.8	2.408	6.04	4272.3
4400	0.237	-0.096	34.669	5.07	27.847	27.865	32.597	37.214	41.718	46.116	26.9	2.462	3.39	4477.9
4600	0.200	-0.154	34.667	5.12	27.847	27.866	32.600	37.218	41.724	46.124	26.5	2.515	0.90	4683.6
4800	0.185	-0.192	34.667	5.15	27.848	27.868	32.603	37.222	41.730	46.130	26.2	2.568	3.68	4889.6
5000	0.194	-0.206	34.665	5.10	27.846	27.867	32.603	37.222	41.730	46.131	26.5	2.621	1.93	5095.7
5071	0.203	-0.207	34.666	5.11	27.846	27.868	32.603	37.223	41.731	46.132	26.6	2.639	3.34	5169.0

DE	TE	PT	SA	DX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
2	12.969	15.756		6.17	1.0	0.59	4.70	0.09					2.	
43	11.608	11.602	34.558	6.14	1.9	0.70	6.10	0.21	26.338	26.339	35.111	43.478	44.	
95	9.354	9.344	34.602	6.00	3.7	1.04	12.70	0.01	26.768	26.770	35.636	44.091	96.	
198	6.267	6.250	34.342	5.77	9.3	1.65	22.90	0.00	27.020	27.022	36.035	44.625	200.	B9
293	4.628	4.606	34.209	6.08	12.8	1.84	26.10	0.00	27.112	27.115	36.211	44.880	296.	
485	3.504	3.471	34.172	6.16	19.4	1.98	28.10	0.00	27.199	27.203	36.359	45.083	490.	
682	2.972	2.927	34.233	5.54	33.1	2.16	31.20	0.00	27.298	27.302	36.487	45.237	689.	
881	2.809	2.751	34.330	4.91	46.3	2.33	33.50	0.00	27.390	27.395	36.588	45.345	890.	
981	2.750	2.685	34.388	4.66	53.2	2.36	34.10	0.00	27.441	27.447	36.642	45.402	991.	
1184	2.771	2.690	34.511	4.27	62.4	2.38	34.10	0.00	27.537	27.545	36.738	45.496	1197.	
1362	2.783	2.688	34.608	4.24	64.8	2.31	33.20	0.00	27.614	27.622	36.814	45.570	1378.	
1565	2.811	2.698	34.689	4.35	64.4	2.19	31.70	0.00	27.676	27.686	36.876	45.630	1583.	B8
1722	2.783	2.656	34.739	4.52	63.9	2.08	30.30	0.00	27.718	27.729	36.921	45.677	1743.	
1964	2.688	2.542	34.788	4.77	63.5	1.99	28.70	0.00	27.766	27.778	36.975	45.736	1989.	
2216	2.837	2.665	34.852	5.25	49.1	1.74	25.10	0.00	27.803	27.819	37.008	45.761	2245.	B1
2458	2.688	2.494	34.867	5.36	49.9	1.69	24.50	0.00	27.829	27.846	37.044	45.806	2492.	B9
2704	2.437	2.224	34.848	5.29	56.9	1.72	25.00	0.00	27.835	27.853	37.066	45.843	2744.	
2948	1.859	1.634	34.780	4.92	84.9	2.03	29.10	0.00	27.828	27.845	37.092	45.900	2993.	
3200	1.453	1.213	34.747	4.84	99.1	2.11	30.40	0.00	27.832	27.849	37.120	45.951	3251.	
3443	1.167	0.909	34.728	4.85	106.9	2.19	31.40	0.00	27.837	27.854	37.143	45.990	3499.	B8
3688	0.824	0.549	34.709	4.93	116.7	2.29	32.50	0.00	27.844	27.861	37.171	46.038	3751.	
3928	0.541	0.249	34.690	5.03	122.2	2.35	32.90	0.00	27.846	27.863	37.191	46.074	3996.	
4426	0.232	-0.104	34.698	5.08	114.3	2.28	32.00	0.00	27.870	27.888	37.237	46.140	4508.	B14
5053	0.202	-0.206	34.671	5.15	130.1	2.38	33.30	0.00	27.850	27.872	37.227	46.136	5154.	B8

SHIP AT CRUISE 107 STATION 24
START 41 56.00 S 45 26 W AT 1306 79/12/17
WIND = 20M/S COR. DEPTH = 5127M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.999	11.999	34.488	6.40	26.210	26.210	30.641	34.966	39.191	43.320	181.5	0.000	0.000	- .0
10	11.984	11.983	34.508	6.49	26.228	26.229	30.660	34.986	39.211	43.339	180.1	0.018	2.409	10.1
20	11.981	11.978	34.509	6.55	26.230	26.230	30.661	34.987	39.212	43.341	180.2	0.036	.674	20.1
30	11.974	11.970	34.509	6.56	26.231	26.232	30.663	34.989	39.214	43.343	180.3	0.054	.688	30.2
40	11.354	11.349	34.513	6.61	26.350	26.351	30.796	35.134	39.371	43.512	169.2	0.072	6.144	40.3
50	10.958	10.952	34.514	6.54	26.424	26.425	30.877	35.223	39.468	43.616	162.4	0.088	4.805	50.3
60	10.606	10.598	34.509	6.58	26.482	26.484	30.944	35.297	39.549	43.704	157.1	0.104	4.316	60.4
70	9.988	9.980	34.546	6.46	26.619	26.620	31.093	35.460	39.723	43.890	144.3	0.119	6.562	70.5
80	9.754	9.745	34.596	6.38	26.697	26.699	31.177	35.548	39.816	43.987	137.0	0.133	4.985	80.5
90	9.553	9.543	34.620	6.32	26.750	26.751	31.234	35.609	39.881	44.055	132.2	0.147	4.069	90.6
100	9.449	9.438	34.625	6.23	26.770	26.772	31.257	35.634	39.908	44.085	130.5	0.160	2.572	100.7
120	9.056	9.043	34.608	6.16	26.821	26.823	31.317	35.703	39.985	44.170	125.9	0.186	2.858	120.8
140	8.670	8.655	34.568	6.03	26.852	26.854	31.357	35.751	40.042	44.235	123.4	0.210	2.226	140.9
160	7.978	7.962	34.498	6.02	26.903	26.905	31.425	35.835	40.141	44.348	118.7	0.235	2.907	161.1
180	7.145	7.128	34.419	5.94	26.962	26.964	31.504	35.934	40.259	44.484	113.1	0.258	3.130	181.2
200	6.593	6.575	34.368	5.77	26.997	27.000	31.553	35.996	40.334	44.572	109.9	0.280	2.435	201.4
220	5.781	5.763	34.286	5.86	27.037	27.040	31.614	36.077	40.434	44.691	105.9	0.302	2.641	221.5
240	5.390	5.370	34.258	5.76	27.063	27.065	31.650	36.123	40.490	44.755	103.6	0.323	2.094	241.7
260	5.097	5.077	34.239	5.78	27.083	27.085	31.677	36.158	40.531	44.803	101.8	0.343	1.841	261.9
280	4.804	4.783	34.221	5.80	27.102	27.104	31.704	36.192	40.573	44.852	100.0	0.363	1.820	282.0
300	4.547	4.525	34.204	5.90	27.117	27.119	31.726	36.220	40.608	44.893	98.6	0.383	1.638	302.2
320	4.340	4.317	34.195	5.84	27.132	27.135	31.747	36.247	40.639	44.929	97.2	0.403	1.644	322.3
340	4.233	4.208	34.190	5.96	27.140	27.142	31.757	36.260	40.655	44.948	96.6	0.422	1.146	342.5
360	4.143	4.117	34.186	5.98	27.146	27.149	31.766	36.271	40.669	44.963	96.1	0.441	1.069	362.7
380	4.010	3.983	34.182	6.07	27.156	27.159	31.780	36.289	40.689	44.988	95.2	0.461	1.367	382.8
400	3.908	3.880	34.180	6.05	27.165	27.168	31.792	36.303	40.707	45.007	94.4	0.480	1.257	403.0
450	3.704	3.673	34.174	6.02	27.181	27.184	31.814	36.330	40.739	45.044	93.1	0.526	1.073	453.5
500	3.430	3.396	34.173	5.99	27.207	27.211	31.847	36.371	40.787	45.099	90.7	0.572	1.366	503.9
550	3.295	3.258	34.181	5.91	27.227	27.230	31.871	36.398	40.817	45.132	89.1	0.617	1.160	554.4
600	3.161	3.121	34.200	5.77	27.254	27.258	31.902	36.433	40.855	45.174	86.6	0.661	1.371	604.9
650	3.052	3.009	34.213	5.64	27.275	27.279	31.926	36.459	40.884	45.206	84.9	0.704	1.182	655.4
700	2.948	2.902	34.240	5.50	27.305	27.309	31.959	36.495	40.923	45.247	82.2	0.746	1.428	705.9
750	2.908	2.858	34.267	5.28	27.331	27.335	31.986	36.523	40.952	45.276	80.0	0.787	1.286	756.4
800	2.885	2.833	34.298	5.11	27.358	27.362	32.013	36.551	40.980	45.305	77.8	0.826	1.313	807.0
900	2.770	2.711	34.345	4.83	27.405	27.410	32.064	36.605	41.037	45.365	73.7	0.902	1.249	908.1
1000	2.747	2.681	34.398	4.60	27.449	27.455	32.110	36.651	41.083	45.411	70.1	0.974	1.174	1009.2
1100	2.769	2.694	34.459	4.38	27.496	27.502	32.156	36.696	41.127	45.455	66.5	1.042	1.161	1110.5
1200	2.760	2.678	34.520	4.30	27.546	27.553	32.206	36.746	41.178	45.505	62.4	1.106	1.252	1211.7
1300	2.752	2.662	34.571	4.29	27.587	27.595	32.249	36.789	41.220	45.547	59.1	1.167	1.110	1313.1
1400	2.746	2.647	34.619	4.28	27.626	27.635	32.288	36.828	41.260	45.587	56.1	1.225	1.144	1414.4
1500	2.626	2.521	34.638	4.32	27.651	27.660	32.317	36.861	41.295	45.625	54.0	1.280	.925	1515.9
1600	2.613	2.500	34.669	4.32	27.677	27.687	32.344	36.888	41.323	45.653	52.1	1.333	.890	1617.3
1700	2.616	2.494	34.702	4.39	27.703	27.714	32.371	36.914	41.349	45.679	50.3	1.384	.931	1718.9
1800	2.579	2.449	34.721	4.42	27.721	27.733	32.391	36.935	41.371	45.702	49.0	1.434	.844	1820.4
1900	2.588	2.448	34.750	4.53	27.744	27.756	32.414	36.959	41.394	45.725	47.5	1.482	.861	1922.1
2000	2.540	2.392	34.764	4.65	27.759	27.772	32.431	36.977	41.414	45.746	46.5	1.529	.854	2023.7
2100	2.700	2.541	34.814	4.84	27.785	27.799	32.454	36.995	41.428	45.756	45.5	1.575	.692	2125.5
2200	2.598	2.431	34.815	5.00	27.795	27.809	32.467	37.012	41.447	45.778	44.7	1.620	.736	2227.2
2300	2.477	2.303	34.811	5.05	27.802	27.817	32.479	37.027	41.465	45.799	43.9	1.664	.619	2329.1
2400	2.560	2.375	34.844	5.25	27.821	27.837	32.496	37.042	41.479	45.810	43.2	1.708	.648	2430.9
2500	2.554	2.359	34.855	5.39	27.831	27.848	32.507	37.053	41.490	45.822	42.8	1.750	.476	2532.8
2600	2.231	2.033	34.807	5.17	27.820	27.836	32.506	37.061	41.507	45.847	42.3	1.793	.624	2634.8
2700	2.041	1.837	34.790	5.06	27.822	27.838	32.513	37.073	41.524	45.870	41.3	1.835	.692	2736.8
2800	1.888	1.678	34.780	4.99	27.825	27.842	32.521	37.086	41.542	45.892	40.4	1.876	.715	2838.9
2900	1.748	1.530	34.769	4.93	27.828	27.844	32.528	37.097	41.556	45.910	39.6	1.916	.709	2941.0
3000	1.611	1.387	34.758	4.90	27.829	27.845	32.533	37.107	41.570	45.928	38.8	1.955	.689	3043.2
3200	1.274	1.038	34.731	4.82	27.831	27.848	32.546	37.129	41.602	45.969	36.5	2.030	.672	3247.6
3400	1.073	.822	34.719	4.83	27.836	27.853	32.557	37.147	41.626	45.999	34.9	2.102	.644	3452.3
3600	.850	.584	34.707	4.88	27.841	27.857	32.569	37.166	41.651	46.030	32.9	2.170	.688	3657.1
3800	.630	.350	34.695	4.94	27.845	27.862	32.580	37.184	41.676	46.061	30.8	2.233	.610	3862.2
4000	.436	.140	34.685	5.00	27.848	27.865	32.590	37.200	41.698	46.089	28.7	2.293	.699	4067.4
4200	.307	-.007	34.678	5.07	27.850	27.867	32.597	37.210	41.713	46.108	27.3	2.349	.494	4272.8
4400	.239	-.095	34.674	5.09	27.851	27.869	32.601	37.217	41.722	46.119	26.6	2.402	.343	4478.4
4600	.202	-.153	34.672	5.11	27.851	27.870	32.604	37.222	41.728	46.128	26.1	2.455	.339	4684.2
4800	.188	-.189	34.671	5.17	27.851	27.871	32.606	37.225	41.733	46.133	26.0	2.507	.255	4890.1
5000	.185	-.216	34.669	5.16	27.850	27.870	32.606	37.226	41.735	46.136	26.1	2.559	.311	5096.3
5124	.179	-.236	34.669	5.18	27.850	27.871	32.608	37.229	41.737	46.139	26.0	2.592	.398	5225.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	12.088	12.088	34.536	6.18	1.5	0.72	6.60	0.22	26.230	26.230	34.982	43.332	0.	B1
46	11.218	11.212	34.535	6.20	1.6	0.72	6.70	0.22	26.393	26.394	35.181	43.564	47.	
97	9.343	9.332	34.620	6.07	3.3	1.03	12.50	0.01	26.784	26.786	35.653	44.108	99.	
200	6.489	6.471	34.365	5.76	8.4	1.60	22.40	0.00	27.009	27.011	36.013	44.593	202.	
296	4.679	4.657	34.211	6.06	12.3	1.83	26.00	0.00	27.108	27.110	36.205	44.871	299.	
495	3.589	3.553	34.181	6.21	18.0	1.93	27.50	0.00	27.198	27.202	36.354	45.073	500.	
691	3.016	2.970	34.233	5.64	30.5	2.13	30.60	0.00	27.294	27.298	36.480	45.228	698.	
884	2.818	2.760	34.321	4.92	45.4	2.32	33.20	0.00	27.382	27.387	36.579	45.336	893.	
987	2.750	2.685	34.377	4.63	51.8	2.34	33.80	0.00	27.432	27.438	36.634	45.394	998.	
1182	2.663	2.583	34.504	4.20	64.5	2.42	34.60	0.00	27.541	27.548	36.747	45.511	1195.	B8
1381	2.727	2.631	34.613	4.20	66.2	2.32	33.10	0.00	27.623	27.631	36.826	45.585	1397.	
1576	2.782	2.668	34.699	4.35	64.0	2.18	31.20	0.00	27.686	27.696	36.888	45.644	1595.	
1778	2.612	2.483	34.725	4.38	68.9	2.14	30.80	0.00	27.722	27.733	36.934	45.699	1800.	B1
1973	2.573	2.427	34.732	4.62	68.2	2.05	29.40	0.00	27.731	27.744	36.947	45.715	1999.	
2219	2.548	2.380	34.812	4.90	63.8	1.92	27.60	0.00	27.797	27.811	37.017	45.785	2249.	
2463	2.584	2.392	34.875	5.27	52.9	1.72	24.80	0.00	27.844	27.861	37.064	45.831	2497.	B1
2958	1.707	1.484	34.772	4.83	90.2	2.03	29.40	0.00	27.833	27.850	37.105	45.921	3003.	
3202	1.307	1.069	34.747	4.82	105.2	2.19	31.40	0.00	27.842	27.859	37.138	45.976	3253.	
3447	1.045	0.789	34.718	4.83	111.6	2.20	31.80	0.00	27.837	27.854	37.150	46.003	3504.	B1
3688	0.788	0.515	34.702	4.90	117.4	2.29	32.10	0.00	27.841	27.858	37.170	46.039	3750.	
3938	0.516	0.224	34.689	5.03	122.5	2.33	33.00	0.00	27.847	27.864	37.193	46.078	4007.	
4427	0.231	-0.106	34.697	5.18	126.9	2.36	33.30	0.00	27.870	27.888	37.236	46.139	4510.	B14
4915	0.188	-0.203	34.690	5.17	128.3	2.38	33.30	0.00	27.866	27.887	37.242	46.150	5013.	
5123	0.181	-0.235	34.691	5.13	123.4	2.34	32.90	0.00	27.868	27.889	37.246	46.156	5227.	

SHIP AT CRUISE 107 STATION 25
START 41 58.54 S 45 57.99 W AT 2146 79/12/17
WIND = 13M/S COR. DEPTH = 5147M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.208	12.208	34.514	6.92	26.190	26.190	30.617	34.938	39.159	43.284	183.4	0.000	0.000	-0.0
10	12.217	12.216	34.509	7.43	26.184	26.185	30.611	34.932	39.153	43.278	184.2	0.018	-1.296	10.1
20	12.141	12.139	34.514	7.66	26.203	26.203	30.631	34.954	39.176	43.302	182.7	0.037	2.421	20.1
30	10.846	10.842	34.506	7.57	26.437	26.438	30.893	35.241	39.488	43.638	160.7	0.054	8.588	30.2
40	10.611	10.606	34.496	7.43	26.472	26.472	30.932	35.286	39.537	43.692	157.6	0.070	3.302	40.3
50	10.282	10.276	34.518	7.31	26.547	26.548	31.015	35.375	39.633	43.794	150.7	0.085	4.864	50.3
60	9.790	9.783	34.541	7.14	26.648	26.649	31.127	35.497	39.765	43.935	141.3	0.100	5.661	60.4
70	10.211	10.202	34.715	6.80	26.712	26.714	31.181	35.541	39.799	43.960	135.4	0.114	4.477	70.5
80	9.972	9.963	34.696	6.66	26.738	26.740	31.212	35.578	39.841	44.007	133.2	0.127	2.887	80.5
90	9.444	9.434	34.639	6.61	26.782	26.784	31.269	35.645	39.920	44.096	129.1	0.140	3.755	90.6
100	9.028	9.018	34.587	6.59	26.810	26.811	31.306	35.692	39.975	44.160	126.7	0.153	2.981	100.7
120	8.318	8.305	34.519	6.44	26.868	26.870	31.381	35.784	40.082	44.282	121.4	0.178	3.075	120.8
140	7.796	7.782	34.464	6.35	26.903	26.905	31.429	35.844	40.154	44.365	118.2	0.202	2.412	140.9
160	7.574	7.558	34.467	6.18	26.938	26.940	31.469	35.889	40.204	44.420	115.2	0.225	2.367	161.1
180	6.860	6.843	34.395	6.12	26.982	26.984	31.531	35.968	40.300	44.531	111.1	0.248	2.718	181.2
200	6.230	6.212	34.338	6.01	27.021	27.024	31.586	36.038	40.385	44.631	107.4	0.270	2.576	201.4
220	5.785	5.767	34.299	6.10	27.047	27.050	31.623	36.087	40.444	44.699	103.0	0.291	2.104	221.5
240	5.423	5.403	34.267	6.00	27.066	27.069	31.652	36.124	40.490	44.755	103.3	0.312	1.829	241.7
260	4.915	4.895	34.227	5.98	27.094	27.096	31.693	36.178	40.556	44.832	100.6	0.332	2.196	261.9
280	4.635	4.614	34.208	5.98	27.111	27.113	31.717	36.209	40.594	44.878	99.1	0.352	1.714	282.0
300	4.453	4.430	34.197	6.07	27.122	27.124	31.733	36.230	40.620	44.907	98.1	0.372	1.400	302.2
320	4.285	4.262	34.189	6.12	27.133	27.136	31.749	36.250	40.644	44.936	97.1	0.391	1.430	322.4
340	4.135	4.110	34.181	6.12	27.143	27.145	31.763	36.268	40.666	44.961	96.2	0.411	1.319	342.5
360	4.026	4.000	34.177	6.15	27.151	27.154	31.774	36.283	40.683	44.981	95.5	0.430	1.212	362.7
380	3.914	3.887	34.174	6.14	27.160	27.163	31.787	36.298	40.701	45.001	94.7	0.449	1.272	382.9
400	3.793	3.765	34.172	6.19	27.171	27.174	31.801	36.315	40.721	45.024	93.8	0.468	1.364	403.0
450	3.619	3.589	34.170	6.15	27.187	27.190	31.821	36.340	40.751	45.058	92.5	0.514	1.069	453.5
500	3.601	3.567	34.196	6.00	27.209	27.212	31.844	36.364	40.775	45.083	90.8	0.560	1.192	504.0
550	3.439	3.401	34.200	5.92	27.228	27.232	31.868	36.391	40.807	45.119	89.2	0.605	1.163	554.4
600	3.300	3.259	34.203	5.84	27.244	27.247	31.888	36.415	40.834	45.149	87.9	0.649	1.062	604.9
650	3.164	3.121	34.211	5.77	27.263	27.267	31.911	36.441	40.864	45.182	86.2	0.693	1.161	655.4
700	3.087	3.040	34.236	5.61	27.290	27.294	31.940	36.473	40.897	45.217	83.9	0.735	1.343	705.9
750	2.962	2.912	34.247	5.50	27.309	27.314	31.963	36.499	40.927	45.250	82.1	0.777	1.181	756.4
800	2.894	2.841	34.267	5.35	27.332	27.336	31.987	36.525	40.954	45.279	80.2	0.817	1.217	807.0
900	2.848	2.788	34.331	5.00	27.387	27.392	32.044	36.583	41.013	45.338	75.6	0.895	1.382	908.1
1000	2.779	2.712	34.389	4.68	27.439	27.445	32.099	36.639	41.070	45.398	71.1	0.969	1.380	1009.3
1100	2.773	2.699	34.458	4.45	27.495	27.502	32.155	36.695	41.126	45.453	66.5	1.038	1.392	1110.5
1200	2.683	2.601	34.504	4.29	27.539	27.547	32.202	36.745	41.178	45.507	62.7	1.103	1.209	1211.7
1300	2.719	2.630	34.562	4.26	27.582	27.590	32.245	36.786	41.218	45.546	59.5	1.164	1.057	1313.1
1400	2.744	2.646	34.613	4.23	27.621	27.629	32.283	36.823	41.255	45.582	56.6	1.222	1.196	1414.4
1486	2.824	2.718	34.657	4.37	27.649	27.658	32.310	36.848	41.277	45.602	54.8	1.270	0.791	1502.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	SO	S2	S4	PR	FLAG
1	12.269	12.269	34.516	6.35	1.1	0.64	5.90	0.15	26.180	26.180	34.925	43.269	1.	
9	12.267	12.265	34.511						26.176	26.177	34.922	43.266	10.	B9
24	12.030	12.027	34.515	6.36	1.2	0.66	6.20	0.15	26.225	26.226	34.981	43.333	24.	
39	10.707	10.702	34.497						26.455	26.456	35.265	43.668	40.	
51	10.561	10.555	34.520	6.21	2.3	0.84	8.20	0.41	26.499	26.500	35.315	43.723	51.	
101	9.552	9.541	34.667	5.80	4.4	1.12	14.30	0.03	26.787	26.788	35.645	44.091	103.	
145	8.128	8.113	34.396	5.78	7.9	1.56	21.50	0.02	26.801	26.803	35.727	44.235	146.	B1
194	6.851	6.833	34.400	5.77	8.1	1.56	21.60	0.02	26.987	26.990	35.974	44.537	196.	
289	4.706	4.684	34.220	6.07	12.0	1.84	26.20	0.02	27.112	27.115	36.207	44.872	292.	
398	3.897	3.869	34.176	6.29	15.5	1.89	27.00	0.02	27.164	27.166	36.302	45.006	402.	
492	3.648	3.613	34.195	6.09	20.4	1.98	27.80	0.01	27.204	27.207	36.356	45.072	497.	
643	3.215	3.171	34.207	5.83	27.1	2.08	29.70	0.01	27.255	27.259	36.431	45.169	649.	
787	2.953	2.901	34.260	5.37	36.3	2.20	31.40	0.00	27.321	27.326	36.511	45.262	795.	
885	2.913	2.854	34.323	4.96	43.8	2.31	32.80	0.00	27.375	27.380	36.567	45.320	895.	
986	2.802	2.736	34.387	4.63	52.3	2.38	33.90	0.00	27.436	27.441	36.634	45.392	997.	
1085	2.784	2.711	34.449	4.41	57.5	2.40	34.10	0.00	27.487	27.493	36.686	45.444	1097.	
1279	2.699	2.611	34.553	4.17	65.2	2.38	33.90	0.00	27.577	27.585	36.782	45.543	1294.	
1469	2.815	2.710	34.657	4.36	63.4	2.22	32.00	0.00	27.650	27.659	36.849	45.603	1487.	

SHIP AT CRUISE 107 STATION 26
START 41 58.98 S 46 55.63 W AT 323 79/12/18
WIND = 13M/S COR. DEPTH = 5260M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.063	14.063	34.888	6.71	26.105	26.105	30.492	34.776	38.960	43.051	191.5	0.000	0.000	-0
10	14.063	14.061	34.882	6.72	26.100	26.100	30.488	34.772	38.956	43.047	192.3	0.019	-1.150	10.1
20	14.062	14.059	34.878	6.75	26.097	26.097	30.485	34.769	38.954	43.044	192.8	0.038	-0.949	20.1
30	14.065	14.061	34.883	6.64	26.100	26.101	30.489	34.772	38.957	43.048	192.8	0.058	1.071	30.2
40	13.365	13.359	35.012	6.59	26.346	26.347	30.747	35.043	39.239	43.341	169.7	0.076	8.790	40.3
50	13.300	13.293	35.031	6.56	26.373	26.374	30.776	35.073	39.270	43.373	167.4	0.093	2.939	50.3
60	11.928	11.920	34.821	6.80	26.482	26.483	30.914	35.239	39.463	43.591	157.2	0.109	5.888	60.4
70	12.298	12.289	35.043	6.55	26.582	26.584	31.005	35.321	39.537	43.657	148.0	0.124	5.601	70.4
80	11.584	11.574	34.934	6.52	26.634	26.636	31.073	35.403	39.634	43.767	143.2	0.139	4.092	80.5
90	10.806	10.795	34.809	6.55	26.680	26.682	31.136	35.483	39.729	43.878	139.0	0.153	3.849	90.6
100	10.138	10.126	34.753	6.39	26.754	26.756	31.225	35.587	39.846	44.008	132.1	0.166	4.871	100.6
120	9.144	9.131	34.618	6.27	26.815	26.817	31.309	35.693	39.973	44.156	126.5	0.192	3.154	120.8
140	8.297	8.283	34.513	6.20	26.866	26.869	31.380	35.783	40.082	44.283	121.9	0.217	2.903	140.9
160	7.907	7.891	34.503	5.99	26.917	26.920	31.441	35.853	40.160	44.369	117.3	0.241	2.873	161.1
180	6.840	6.823	34.376	6.00	26.970	26.973	31.520	35.957	40.290	44.522	112.2	0.264	2.994	181.2
200	6.201	6.184	34.314	6.08	27.006	27.008	31.572	36.025	40.372	44.619	108.8	0.286	2.467	201.4
220	5.753	5.734	34.268	6.12	27.026	27.029	31.604	36.068	40.426	44.683	107.0	0.308	1.891	221.5
240	5.679	5.659	34.270	6.06	27.037	27.040	31.617	36.083	40.442	44.701	106.2	0.329	1.344	241.7
260	5.192	5.172	34.228	6.19	27.063	27.065	31.655	36.133	40.504	44.774	103.7	0.350	2.106	261.8
280	4.908	4.887	34.205	6.20	27.077	27.080	31.677	36.162	40.541	44.818	102.4	0.371	1.631	282.0
300	4.890	4.867	34.218	6.24	27.090	27.093	31.690	36.176	40.555	44.832	101.4	0.391	1.423	302.2
320	4.722	4.698	34.214	6.32	27.105	27.108	31.710	36.200	40.583	44.864	100.0	0.411	1.619	322.3
340	4.754	4.728	34.225	6.17	27.111	27.114	31.714	36.204	40.586	44.867	99.8	0.431	9.11	342.5
360	4.431	4.404	34.190	6.24	27.118	27.121	31.731	36.229	40.619	44.907	99.0	0.451	1.289	362.7
380	4.300	4.272	34.178	6.36	27.123	27.126	31.739	36.241	40.634	44.925	98.6	0.471	9.91	382.8
400	4.147	4.118	34.169	6.48	27.132	27.135	31.753	36.258	40.655	44.950	97.8	0.490	1.297	403.0
450	3.995	3.962	34.174	6.34	27.152	27.156	31.777	36.286	40.688	44.986	96.2	0.539	1.177	453.5
500	3.848	3.812	34.184	6.23	27.175	27.179	31.804	36.317	40.722	45.024	94.3	0.586	1.252	503.9
550	3.628	3.589	34.188	6.10	27.200	27.204	31.835	36.354	40.765	45.072	92.0	0.633	1.329	554.4
600	3.455	3.414	34.191	6.02	27.219	27.223	31.860	36.383	40.798	45.109	90.4	0.679	1.182	604.9
650	3.278	3.234	34.194	5.98	27.239	27.243	31.884	36.412	40.831	45.147	88.6	0.723	1.188	655.4
700	3.089	3.042	34.205	5.89	27.264	27.269	31.915	36.448	40.872	45.193	86.2	0.767	1.353	705.9
750	3.079	3.028	34.237	5.69	27.291	27.296	31.942	36.475	40.899	45.220	84.1	0.810	1.298	756.4
800	2.886	2.834	34.246	5.51	27.316	27.320	31.972	36.510	40.940	45.265	81.7	0.851	1.346	806.9
900	2.793	2.734	34.301	5.19	27.368	27.373	32.027	36.567	40.999	45.326	77.2	0.931	1.329	908.1
1000	2.780	2.713	34.360	4.80	27.416	27.422	32.076	36.616	41.048	45.375	73.3	1.006	1.325	1009.2
1100	2.725	2.651	34.417	4.53	27.467	27.473	32.128	36.670	41.103	45.431	69.0	1.078	1.409	1110.4
1200	2.807	2.725	34.494	4.36	27.520	27.528	32.180	36.719	41.149	45.476	64.9	1.144	1.242	1211.7
1300	2.734	2.645	34.535	4.23	27.560	27.568	32.222	36.763	41.195	45.523	61.6	1.208	1.103	1313.0
1400	2.731	2.633	34.580	4.20	27.596	27.604	32.259	36.799	41.231	45.559	58.9	1.268	1.116	1414.4
1500	2.713	2.606	34.616	4.21	27.626	27.635	32.290	36.832	41.264	45.592	56.6	1.326	1.038	1515.8
1600	2.808	2.692	34.669	4.29	27.660	27.670	32.322	36.861	41.290	45.616	54.4	1.381	9.20	1617.3
1700	2.907	2.781	34.715	4.46	27.688	27.699	32.348	36.884	41.311	45.634	52.9	1.435	9.21	1718.8
1800	2.739	2.607	34.712	4.44	27.701	27.712	32.367	36.907	41.338	45.666	51.6	1.487	8.18	1820.4
1900	2.766	2.625	34.746	4.56	27.726	27.738	32.392	36.931	41.362	45.688	50.1	1.538	8.95	1922.0
2000	2.959	2.805	34.817	4.83	27.764	27.778	32.426	36.960	41.385	45.707	48.1	1.587	9.30	2023.7
2100	2.755	2.595	34.795	4.91	27.765	27.779	32.433	36.973	41.404	45.731	47.6	1.635	5.93	2125.4
2200	2.835	2.665	34.828	4.97	27.784	27.800	32.451	36.989	41.418	45.743	46.9	1.682	7.38	2227.2
2300	2.769	2.590	34.830	5.06	27.792	27.808	32.461	37.001	41.432	45.759	46.4	1.729	6.63	2329.0
2400	2.778	2.589	34.848	5.21	27.805	27.822	32.476	37.015	41.446	45.773	45.9	1.775	5.73	2430.8
2500	2.834	2.634	34.882	5.47	27.827	27.845	32.497	37.035	41.465	45.790	44.8	1.820	6.80	2532.8
2600	2.679	2.473	34.871	5.49	27.833	27.851	32.507	37.050	41.483	45.813	44.0	1.865	7.28	2634.7
2700	2.347	2.137	34.815	5.15	27.816	27.834	32.500	37.052	41.495	45.834	43.8	1.908	3.54	2736.7
2800	2.160	1.944	34.797	5.07	27.818	27.835	32.507	37.065	41.513	45.856	42.9	1.952	6.66	2838.8
2900	2.162	1.936	34.817	5.12	27.834	27.852	32.523	37.081	41.529	45.873	42.0	1.994	7.25	2940.9
3000	2.007	1.774	34.801	5.14	27.833	27.851	32.528	37.090	41.543	45.890	41.3	2.036	7.11	3043.1
3200	1.647	1.402	34.764	4.90	27.831	27.849	32.537	37.110	41.573	45.930	39.5	2.117	6.11	3247.5
3400	1.277	1.020	34.730	4.77	27.831	27.849	32.547	37.131	41.605	45.972	37.1	2.193	7.14	3452.2
3600	1.062	0.790	34.718	4.76	27.836	27.854	32.559	37.150	41.630	46.003	35.2	2.265	5.98	3657.0
3800	0.824	0.538	34.705	4.84	27.841	27.858	32.572	37.169	41.656	46.037	32.9	2.334	7.07	3862.0
4000	0.548	0.248	34.691	4.92	27.846	27.864	32.586	37.192	41.687	46.075	30.0	2.397	7.15	4067.2
4200	0.413	0.096	34.683	4.97	27.848	27.866	32.593	37.203	41.702	46.095	28.6	2.455	5.40	4272.6
4400	0.284	-0.050	34.677	5.02	27.851	27.869	32.600	37.215	41.718	46.114	27.1	2.511	5.50	4478.3
4600	0.202	-0.153	34.672	5.08	27.852	27.870	32.604	37.222	41.729	46.128	26.1	2.564	4.47	4684.0
4800	0.203	-0.174	34.671	5.10	27.850	27.870	32.605	37.223	41.730	46.130	26.2	2.616	-1.54	4890.0
5000	0.201	-0.200	34.669	5.14	27.849	27.870	32.605	37.225	41.733	46.133	26.3	2.668	2.11	5096.2
5200	0.220	-0.206	34.671	5.12	27.849	27.871	32.607	37.226	41.734	46.135	26.5	2.721	-1.53	5302.5
5253	0.228	-0.205	34.672	5.10	27.850	27.872	32.608	37.227	41.735	46.136	26.6	2.735	5.16	5358.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	14.321	14.321	34.941	6.02	1.3	0.40	1.90	0.07	26.091	26.091	34.752	43.017	0.	
44	12.876	12.870	34.856	6.13	1.9	0.61	5.20	0.15	26.324	26.325	35.042	43.359	45.	
94	11.369	11.357	34.903	5.65	3.8	0.92	11.50	0.05	26.650	26.653	35.429	43.801	95.	B1
195	6.641	6.624	34.344	6.06	7.6	1.52	20.80	0.02	26.972	26.974	35.969	44.543	197.	
289	5.056	5.033	34.241	6.19	11.7	1.73	24.40	0.01	27.089	27.092	36.166	44.814	292.	
491	3.844	3.809	34.181	6.31	17.6	1.89	26.90	0.00	27.173	27.176	36.315	45.022	496.	
685	2.148	2.102	34.204	5.97	26.0	2.04	29.20	0.00	27.259	27.263	36.439	45.181	692.	
886	2.812	2.753	34.282	5.25	39.9	2.24	32.30	0.00	27.351	27.356	36.550	45.308	896.	
982	2.771	2.706	34.348	4.82	48.4	2.32	33.40	0.00	27.407	27.413	36.608	45.367	993.	
1176	2.753	2.673	34.454	4.38	58.9	2.39	34.20	0.00	27.493	27.500	36.695	45.455	1189.	
1374	2.658	2.563	34.552	4.22	67.4	2.37	34.00	0.00	27.580	27.588	36.788	45.551	1390.	
1577	2.697	2.584	34.638	4.27	68.5	2.29	32.80	0.00	27.645	27.655	36.852	45.613	1596.	B8
1766	2.907	2.775	34.736	4.53	59.5	2.06	29.90	0.01	27.705	27.716	36.901	45.651	1788.	
1969	2.792	2.644	34.811	4.70	61.3	2.00	28.80	0.00	27.775	27.788	36.979	45.734	1995.	B1
2214	2.701	2.531	34.810	4.94	59.8	1.90	27.50	0.00	27.782	27.797	36.994	45.755	2244.	
2458	2.711	2.518	34.854	5.25	52.2	1.73	24.90	0.00	27.816	27.833	37.030	45.791	2492.	
2701	2.517	2.302	34.854	5.29	54.8	1.71	24.70	0.00	27.833	27.851	37.060	45.832	2741.	
2955	2.046	1.817	34.799	5.08	72.7	1.93	27.50	0.00	27.828	27.846	37.083	45.881	3000.	
3197	1.564	1.321	34.748	4.78	96.5	2.12	30.50	0.00	27.825	27.842	37.107	45.932	3248.	
3434	1.237	0.978	34.730	4.81	107.5	2.21	31.70	0.00	27.834	27.851	37.136	45.979	3490.	B8
3684	0.955	0.678	34.711	4.89	114.9	2.28	32.40	0.00	27.837	27.855	37.158	46.017	3747.	
3933	0.636	0.341	34.702	4.96	116.2	2.28	32.40	0.00	27.850	27.868	37.190	46.068	4001.	
4423	0.252	-0.084	34.690	5.09	116.0	2.29	32.50	0.00	27.863	27.881	37.228	46.130	4506.	B1
5226	0.226	-0.204	34.691	5.15	119.6	2.31	32.50	0.00	27.865	27.888	37.242	46.151	5333.	B1

SHIP AT CRUISE 107 STATION 27
START 42 81 S 47 39.46 W AT 952 79/12/18
WIND = 10M/S COR. DEPTH = 5291M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR	
0	14.496	14.496	35.095	6.12	26.172	26.172	30.550	34.824	39.000	43.082	185.2	0.000	0.000	-	0
10	14.507	14.506	35.090	6.22	26.166	26.166	30.544	34.818	38.994	43.075	186.0	0.019	-1.328	10.1	
20	14.508	14.505	35.090	6.24	26.165	26.166	30.544	34.818	38.994	43.075	186.4	0.037	-	256	20.1
30	13.588	13.584	35.141	6.25	26.399	26.400	30.795	35.086	39.278	43.375	164.4	0.055	8.584	30.2	
40	13.397	13.391	35.151	6.00	26.446	26.447	30.846	35.140	39.335	43.435	160.2	0.071	3.838	40.3	
50	13.494	13.487	35.232	5.83	26.489	26.490	30.886	35.178	39.371	43.469	156.5	0.087	3.677	50.3	
60	13.417	13.408	35.260	5.70	26.526	26.528	30.926	35.219	39.412	43.512	153.2	0.102	3.439	60.4	
70	13.143	13.134	35.243	5.62	26.569	26.571	30.975	35.273	39.472	43.576	149.3	0.117	3.708	70.5	
80	12.656	12.645	35.167	5.60	26.608	26.611	31.024	35.332	39.541	43.653	145.9	0.132	3.538	80.5	
90	12.629	12.617	35.186	5.60	26.628	26.630	31.044	35.353	39.562	43.675	144.3	0.147	2.490	90.6	
100	12.632	12.618	35.196	5.50	26.635	26.638	31.052	35.360	39.569	43.682	143.8	0.161	1.537	100.7	
120	12.349	12.333	35.178	5.40	26.677	26.680	31.099	35.414	39.628	43.746	140.4	0.189	2.583	120.8	
140	11.300	11.283	34.975	5.43	26.719	26.722	31.165	35.501	39.736	43.875	136.6	0.217	2.663	141.0	
160	10.161	10.142	34.797	5.54	26.784	26.788	31.256	35.616	39.875	44.037	130.6	0.244	3.294	161.1	
180	9.111	9.091	34.621	5.58	26.823	26.826	31.318	35.703	39.984	44.168	127.0	0.270	2.580	181.3	
200	8.058	8.038	34.506	5.70	26.897	26.900	31.418	35.826	40.131	44.337	119.9	0.294	3.522	201.4	
220	7.871	7.849	34.501	5.37	26.921	26.925	31.447	35.859	40.168	44.378	117.9	0.318	1.987	221.6	
240	7.116	7.094	34.395	5.60	26.947	26.950	31.491	35.921	40.247	44.474	115.5	0.342	2.154	241.7	
260	7.002	6.978	34.406	5.48	26.972	26.975	31.518	35.952	40.280	44.509	113.4	0.364	2.004	261.9	
280	6.689	6.663	34.378	5.37	26.992	26.995	31.547	35.988	40.324	44.559	111.6	0.387	1.885	282.0	
300	6.082	6.056	34.318	5.46	27.024	27.028	31.595	36.050	40.401	44.650	108.4	0.409	2.401	302.2	
320	5.464	5.438	34.257	5.65	27.054	27.057	31.639	36.111	40.476	44.740	105.5	0.430	2.307	322.4	
340	5.199	5.171	34.232	5.83	27.065	27.068	31.658	36.136	40.507	44.777	104.4	0.451	1.463	342.5	
360	5.022	4.993	34.220	5.87	27.076	27.080	31.674	36.156	40.532	44.806	103.4	0.472	1.434	362.7	
380	4.882	4.852	34.212	5.96	27.086	27.089	31.688	36.174	40.553	44.830	102.6	0.493	1.323	382.9	
400	4.823	4.792	34.217	5.97	27.096	27.100	31.699	36.187	40.568	44.847	101.8	0.513	1.311	403.1	
450	4.501	4.467	34.200	5.97	27.119	27.123	31.731	36.227	40.615	44.902	99.9	0.564	1.285	453.5	
500	4.239	4.202	34.195	6.01	27.143	27.147	31.762	36.265	40.660	44.953	97.8	0.613	1.324	504.0	
550	4.050	4.010	34.198	5.99	27.166	27.170	31.790	36.298	40.698	44.995	95.9	0.661	1.257	554.5	
600	3.938	3.894	34.208	5.93	27.185	27.189	31.813	36.323	40.726	45.026	94.3	0.709	1.159	605.0	
650	3.659	3.613	34.205	5.75	27.210	27.215	31.846	36.364	40.773	45.080	91.9	0.755	1.374	655.5	
700	3.360	3.312	34.198	5.87	27.234	27.238	31.877	36.403	40.820	45.134	89.6	0.801	1.343	706.0	
750	3.083	3.033	34.194	5.76	27.257	27.261	31.908	36.441	40.866	45.187	87.3	0.845	1.339	756.5	
800	3.133	3.079	34.228	5.57	27.279	27.284	31.929	36.461	40.884	45.203	85.6	0.888	1.161	807.1	
900	2.888	2.828	34.256	5.34	27.324	27.329	31.981	36.519	40.949	45.274	81.5	0.972	1.118	908.2	
1000	2.749	2.683	34.304	5.09	27.374	27.380	32.035	36.577	41.009	45.338	77.1	1.051	1.200	1009.3	
1100	2.757	2.683	34.373	4.75	27.429	27.435	32.090	36.631	41.063	45.392	72.6	1.126	1.242	1110.6	
1200	2.745	2.663	34.438	4.45	27.481	27.489	32.143	36.685	41.117	45.445	68.3	1.196	1.307	1211.9	
1300	2.666	2.577	34.497	4.31	27.535	27.543	32.200	36.743	41.177	45.506	63.6	1.262	1.256	1313.2	
1400	2.702	2.605	34.548	4.25	27.573	27.581	32.237	36.778	41.211	45.540	60.9	1.324	0.972	1414.6	
1486	2.765	2.660	34.589	4.28	27.600	27.609	32.263	36.803	41.234	45.561	59.1	1.376	1.039	1502.0	

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
0	14.366	14.366	35.042	6.07	1.4	0.39	2.40	0.08	26.159	26.159	34.817	43.079	0.	
8	14.393	14.392	35.046		1.5	0.37	2.40	0.07	26.156	26.156	34.813	43.075	8.	
25	13.423	13.419	35.111	5.92	2.1	0.49	4.20	0.27	26.410	26.411	35.103	43.398	26.	
40	13.539	13.533	35.184		2.3	0.53	4.70	0.42	26.442	26.444	35.131	43.420	41.	B1
50	13.543	13.536	35.255	5.60	2.5	0.56	5.70	0.39	26.496	26.498	35.184	43.473	51.	
96	12.789	12.776	35.235	5.38	3.3	0.77	9.00	0.04	26.634	26.637	35.352	43.668	97.	
145	11.139	11.121	34.967	5.44	4.3	0.98	12.30	0.02	26.742	26.746	35.531	43.912	147.	
193	8.321	8.301	34.534	5.67	6.3	1.35	18.30	0.07	26.879	26.882	35.796	44.295	195.	
296	6.052	6.026	34.319	5.77	10.3	1.69	23.40	0.02	27.029	27.033	36.057	44.658	299.	
399	4.815	4.784	34.225	6.19	12.1	1.76	24.70	0.00	27.104	27.107	36.195	44.855	403.	
492	4.298	4.261	34.201	6.24	14.6	1.82	25.60	0.00	27.142	27.145	36.260	44.945	497.	
637	3.731	3.686	34.206	5.96	21.1	1.99	28.10	0.00	27.204	27.209	36.353	45.066	643.	
783	3.194	3.141	34.228	5.61	29.3	2.11	30.10	0.00	27.273	27.278	36.452	45.191	792.	BB
875	2.888	2.830	34.243	5.47	34.7	2.20	31.20	0.00	27.313	27.318	36.508	45.263	885.	
978	2.753	2.688	34.299	5.09	43.2	2.33	32.70	0.00	27.370	27.375	36.572	45.333	989.	
1080	2.788	2.715	34.362	4.74	49.7	2.37	33.40	0.00	27.417	27.423	36.618	45.376	1092.	
1279	2.673	2.585	34.497	4.34	59.9	2.36	33.30	0.01	27.535	27.542	36.742	45.505	1293.	B1
1479	2.756	2.651	34.602	4.25	62.5	2.30	32.60	0.00	27.611	27.620	36.814	45.573	1496.	B1

SHIP AT CRUISE 107 STATION 28
START 42 2.49 S 48 18.63 W AT 1356 79/12/18
WIND = 7M/S COR. DEPTH = 5455M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.608	14.608	34.861	6.43	25.967	25.967	30.345	34.619	38.794	42.876	204.6	0.000	0.000	-0
10	14.457	14.456	34.837	6.92	25.982	25.982	30.362	34.639	38.817	42.902	203.5	0.020	2.131	10.1
20	14.405	14.402	34.837	6.79	25.992	25.993	30.375	34.652	38.831	42.916	202.8	0.041	1.852	20.1
30	13.704	13.700	34.930	6.72	26.212	26.213	30.607	34.897	39.088	43.184	182.2	0.060	8.310	30.2
40	12.671	12.665	34.890	6.50	26.391	26.392	30.807	35.117	39.326	43.441	165.4	0.077	7.518	40.3
50	11.577	11.571	34.758	6.60	26.499	26.500	30.938	35.270	39.501	43.636	155.3	0.093	5.853	50.3
60	11.705	11.697	34.876	6.50	26.567	26.568	31.003	35.331	39.559	43.691	149.2	0.109	4.610	60.4
70	10.554	10.546	34.687	6.45	26.630	26.632	31.091	35.445	39.696	43.851	143.3	0.123	4.512	70.5
80	10.930	10.920	34.831	6.22	26.675	26.676	31.127	35.472	39.715	43.862	139.4	0.137	3.718	80.5
90	10.145	10.135	34.720	6.20	26.727	26.729	31.198	35.559	39.819	43.981	134.5	0.151	4.119	90.6
100	9.853	9.842	34.692	6.19	26.755	26.757	31.232	35.600	39.866	44.034	132.0	0.164	3.002	100.7
120	9.086	9.073	34.607	6.17	26.816	26.818	31.311	35.696	39.978	44.162	126.4	0.190	3.148	120.8
140	8.169	8.155	34.506	6.22	26.881	26.883	31.397	35.803	40.105	44.309	120.5	0.215	3.242	141.0
160	7.369	7.353	34.419	6.34	26.930	26.932	31.467	35.891	40.212	44.432	115.9	0.239	2.870	161.1
180	6.519	6.503	34.326	6.43	26.974	26.976	31.532	35.977	40.317	44.556	111.8	0.261	2.719	181.3
200	6.398	6.380	34.335	6.22	26.997	26.999	31.557	36.006	40.348	44.590	109.8	0.283	1.928	201.4
220	5.841	5.823	34.277	6.15	27.023	27.025	31.598	36.059	40.416	44.670	107.4	0.305	2.127	221.6
240	5.506	5.487	34.251	6.21	27.044	27.046	31.627	36.098	40.462	44.724	105.5	0.326	1.901	241.7
260	5.332	5.311	34.248	6.23	27.062	27.064	31.650	36.125	40.493	44.760	103.9	0.347	1.747	261.9
280	5.411	5.388	34.287	5.86	27.084	27.086	31.670	36.142	40.509	44.773	102.1	0.368	1.829	282.1
300	4.808	4.785	34.216	6.12	27.098	27.100	31.700	36.188	40.569	44.848	100.6	0.388	1.704	302.2
320	4.568	4.544	34.197	6.26	27.109	27.112	31.718	36.212	40.599	44.884	99.6	0.408	1.462	322.4
340	4.421	4.396	34.186	6.40	27.117	27.119	31.730	36.227	40.618	44.906	98.9	0.428	1.186	342.6
360	4.325	4.298	34.183	6.42	27.124	27.127	31.740	36.240	40.633	44.924	98.3	0.448	1.159	362.7
380	4.264	4.236	34.185	6.37	27.132	27.135	31.749	36.252	40.646	44.938	97.7	0.467	1.162	382.9
400	4.192	4.163	34.184	6.39	27.139	27.142	31.759	36.263	40.659	44.952	97.1	0.487	1.124	403.1
450	4.031	3.998	34.183	6.26	27.156	27.159	31.780	36.288	40.688	44.986	95.9	0.535	1.071	453.6
500	3.907	3.871	34.193	6.17	27.176	27.180	31.804	36.315	40.719	45.019	94.3	0.583	1.183	504.0
550	3.654	3.615	34.185	6.16	27.195	27.199	31.830	36.347	40.757	45.064	92.6	0.629	1.192	554.5
600	3.415	3.374	34.179	6.13	27.214	27.218	31.855	36.380	40.795	45.108	90.8	0.675	1.193	605.0
650	3.260	3.216	34.187	6.02	27.235	27.239	31.881	36.409	40.829	45.145	89.0	0.720	1.220	655.5
700	3.117	3.070	34.195	5.91	27.254	27.259	31.904	36.437	40.860	45.180	87.2	0.764	1.187	706.0
750	2.900	2.850	34.210	5.79	27.286	27.291	31.942	36.480	40.909	45.234	84.2	0.807	1.503	756.5
800	2.809	2.757	34.232	5.58	27.311	27.316	31.970	36.510	40.941	45.269	82.0	0.849	1.304	807.1
900	2.894	2.834	34.315	5.08	27.370	27.375	32.027	36.564	40.993	45.318	77.3	0.928	1.295	908.2
1000	2.977	2.909	34.383	4.74	27.417	27.423	32.072	36.607	41.033	45.356	73.7	1.003	1.047	1009.4
1100	2.936	2.860	34.449	4.51	27.473	27.480	32.129	36.665	41.092	45.415	69.0	1.075	1.364	1110.6
1200	2.745	2.663	34.478	4.34	27.513	27.520	32.175	36.715	41.147	45.475	65.4	1.142	1.080	1211.9
1300	2.706	2.616	34.528	4.24	27.556	27.564	32.220	36.761	41.194	45.522	61.8	1.205	1.112	1313.2
1400	2.734	2.636	34.578	4.18	27.594	27.603	32.257	36.798	41.230	45.558	59.0	1.266	1.005	1414.6
1500	2.744	2.637	34.617	4.18	27.624	27.633	32.287	36.828	41.259	45.587	56.9	1.324	918	1516.1
1600	2.718	2.603	34.646	4.26	27.650	27.660	32.315	36.855	41.288	45.615	55.0	1.380	919	1617.6
1700	2.834	2.709	34.695	4.27	27.678	27.689	32.341	36.878	41.307	45.632	53.5	1.434	874	1719.1
1800	2.959	2.824	34.749	4.46	27.710	27.722	32.370	36.904	41.330	45.652	51.8	1.486	944	1820.7
1900	2.767	2.625	34.736	4.58	27.717	27.730	32.383	36.923	41.353	45.680	50.9	1.538	639	1922.3
2000	2.517	2.370	34.717	4.44	27.724	27.736	32.397	36.944	41.381	45.714	49.6	1.588	609	2024.0
2100	2.548	2.392	34.744	4.49	27.743	27.756	32.416	36.962	41.399	45.731	48.5	1.637	799	2125.8
2200	2.649	2.481	34.788	4.76	27.769	27.783	32.440	36.983	41.417	45.747	47.3	1.685	723	2227.6
2300	2.652	2.475	34.809	4.92	27.786	27.801	32.458	37.001	41.435	45.765	46.4	1.731	714	2329.4
2400	2.617	2.431	34.823	5.02	27.800	27.816	32.474	37.018	41.453	45.784	45.4	1.777	665	2431.3
2500	2.598	2.403	34.836	5.11	27.812	27.828	32.487	37.032	41.468	45.799	44.8	1.822	671	2533.2
2600	2.339	2.139	34.800	5.15	27.805	27.822	32.488	37.041	41.483	45.822	44.3	1.867	692	2635.2
2700	2.335	2.125	34.818	5.10	27.820	27.837	32.504	37.057	41.500	45.838	43.4	1.911	669	2737.2
2800	2.193	1.976	34.804	5.04	27.821	27.838	32.509	37.066	41.513	45.855	42.9	1.954	572	2839.3
2900	2.000	1.777	34.781	5.01	27.817	27.835	32.512	37.074	41.527	45.874	42.3	1.997	602	2941.4
3000	1.813	1.584	34.765	4.86	27.819	27.837	32.519	37.087	41.545	45.897	41.1	2.038	750	3043.6
3200	1.547	1.304	34.745	4.74	27.824	27.841	32.532	37.107	41.573	45.933	39.4	2.119	608	3248.1
3400	1.332	1.074	34.730	4.70	27.827	27.845	32.542	37.124	41.596	45.963	37.9	2.196	611	3452.8
3600	1.118	0.845	34.719	4.76	27.833	27.851	32.556	37.144	41.622	45.995	36.0	2.270	695	3657.6
3800	0.932	0.643	34.708	4.79	27.836	27.855	32.565	37.159	41.643	46.021	34.3	2.341	714	3862.7
4000	0.755	0.449	34.699	4.88	27.841	27.859	32.575	37.176	41.665	46.048	32.5	2.407	542	4067.9
4200	0.558	0.237	34.689	4.94	27.844	27.863	32.585	37.191	41.687	46.076	30.4	2.471	745	4273.4
4400	0.390	0.052	34.679	4.97	27.846	27.865	32.593	37.205	41.705	46.099	28.6	2.529	554	4479.0
4600	0.297	-0.061	34.676	5.08	27.849	27.869	32.600	37.215	41.719	46.116	27.4	2.585	448	4684.8
4800	0.262	-0.118	34.674	5.06	27.850	27.870	32.603	37.220	41.725	46.124	27.0	2.639	276	4890.8
5000	0.237	-0.166	34.671	5.10	27.848	27.870	32.604	37.222	41.729	46.129	26.8	2.693	194	5097.1
5200	0.241	-0.186	34.672	5.15	27.849	27.871	32.606	37.225	41.733	46.133	26.8	2.747	321	5303.4
5400	0.244	-0.208	34.670	5.13	27.847	27.871	32.607	37.226	41.734	46.135	27.0	2.801	248	5509.9
5511	0.258	-0.208	34.670	5.16	27.846	27.871	32.607	37.226	41.734	46.135	27.3	2.831	455	5625.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	14.872	14.872	34.834	6.23	0.7	0.32	0.90	0.05	25.889	25.889	34.531	42.779	0.	
45	12.519	12.512	34.903	5.83	2.3	0.66	6.00	0.49	26.431	26.432	35.163	43.492	46.	
94	10.182	10.171	34.791	5.67	3.8	1.02	13.10	0.04	26.776	26.778	35.606	44.025	96.	B1
193	6.484	6.467	34.340	6.17	7.0	1.48	20.60	0.02	26.990	26.992	35.994	44.575	196.	
294	4.895	4.873	34.229	6.25	11.5	1.73	24.60	0.01	27.098	27.100	36.183	44.839	297.	
492	3.903	3.867	34.210	6.28	16.6	1.86	26.70	0.01	27.190	27.194	36.329	45.033	497.	B1
691	3.096	3.050	34.191	5.90	27.4	2.05	29.70	0.00	27.253	27.257	36.436	45.181	698.	
890	2.896	2.837	34.315	5.01	43.6	2.29	32.90	0.01	27.370	27.375	36.564	45.317	900.	
986	2.861	2.794	34.372	4.75	49.2	2.30	33.40	0.01	27.418	27.424	36.614	45.369	997.	
1280	2.674	2.586	34.508	4.23	65.2	2.40	34.40	0.01	27.543	27.551	36.750	45.513	1295.	B1
1375	2.719	2.623	34.563	4.21	66.0	2.34	33.90	0.01	27.583	27.592	36.788	45.548	1391.	
1576	2.717	2.604	34.643	4.24	68.1	2.27	32.80	0.01	27.647	27.657	36.853	45.613	1595.	
1768	2.966	2.833	34.759	4.64	57.6	2.00	29.20	0.02	27.718	27.730	36.911	45.658	1790.	
1973	2.696	2.548	34.765	4.64	65.8	2.03	29.50	0.02	27.747	27.760	36.956	45.717	1999.	
2211	2.472	2.306	34.764	4.59	73.3	2.06	30.00	0.02	27.765	27.779	36.989	45.763	2241.	
2464	2.619	2.426	34.836	5.07	58.7	1.80	26.20	0.02	27.810	27.827	37.029	45.795	2499.	B8
2933	2.013	1.787	34.790	4.90	80.0	1.93	28.10	0.02	27.824	27.842	37.080	45.880	2978.	
3195	1.563	1.320	34.747	4.75	99.7	2.15	31.10	0.01	27.824	27.841	37.107	45.932	3246.	
3441	1.312	1.050	34.732	4.79	107.5	2.16	31.40	0.01	27.830	27.848	37.129	45.968	3498.	
3687	1.069	0.788	34.715	4.80	113.8	2.27	32.30	0.01	27.833	27.851	37.148	46.001	3750.	
3934	0.824	0.523	34.703	4.92	117.5	2.29	32.60	0.00	27.839	27.858	37.170	46.038	4003.	
4423	0.356	0.016	34.681	5.09	125.9	2.34	33.30	0.00	27.850	27.868	37.210	46.106	4505.	
4913	0.243	-0.149	34.682	5.05	116.1	2.29	32.60	0.00	27.857	27.878	37.229	46.135	5010.	B1
5506	0.259	-0.207	34.670	5.16	128.4	2.35	33.40	0.00	27.846	27.871	37.226	46.135	5623.	

SHIP AT CRUISE 107 STATION 29
START 41 56.99 S 49 06 W AT 2122 79/12/18
WIND = 11M/S COR. DEPTH = 5740M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.266	15.266	34.607	6.21	25.628	25.628	29.995	34.259	38.425	42.496	236.8	0.000	0.000	- 0
10	14.293	14.291	34.612	6.70	25.843	25.843	30.228	34.510	38.692	42.780	216.7	.023	8.196	10.1
20	14.234	14.231	34.612	6.70	25.856	25.856	30.242	34.525	38.708	42.797	215.8	.044	2.013	20.1
30	13.954	13.950	34.605	6.61	25.909	25.910	30.302	34.589	38.778	42.871	211.0	.066	4.112	30.2
40	13.354	13.349	34.607	6.56	26.035	26.036	30.439	34.738	38.937	43.041	199.2	.086	6.301	40.3
50	12.170	12.164	34.576	6.61	26.245	26.246	30.674	34.995	39.216	43.342	179.5	.105	8.143	50.3
60	10.552	10.545	34.534	6.53	26.512	26.513	30.974	35.329	39.581	43.737	154.3	.122	9.177	60.4
70	9.036	9.029	34.405	6.60	26.666	26.667	31.163	35.550	39.834	44.021	139.7	.136	7.008	70.4
80	7.580	7.572	34.279	6.64	26.790	26.791	31.321	35.742	40.058	44.275	127.9	.150	6.295	80.5
90	6.971	6.963	34.258	6.59	26.859	26.860	31.405	35.840	40.170	44.400	121.4	.162	4.695	90.6
100	6.427	6.418	34.244	6.53	26.921	26.923	31.481	35.929	40.271	44.513	115.5	.174	4.468	100.6
120	5.809	5.799	34.201	6.54	26.967	26.968	31.542	36.005	40.362	44.618	111.4	.197	2.717	120.8
140	5.273	5.262	34.166	6.45	27.005	27.006	31.594	36.070	40.440	44.708	107.9	.219	2.494	140.9
160	4.803	4.791	34.162	6.45	27.055	27.056	31.656	36.144	40.526	44.805	103.2	.240	2.860	161.1
180	4.553	4.539	34.155	6.40	27.078	27.079	31.686	36.180	40.568	44.853	101.1	.260	1.947	181.2
200	4.330	4.315	34.149	6.39	27.097	27.098	31.711	36.211	40.604	44.894	99.4	.280	1.768	201.4
220	4.238	4.222	34.149	6.40	27.107	27.108	31.723	36.226	40.621	44.914	98.6	.300	1.302	221.5
240	4.129	4.112	34.150	6.30	27.119	27.121	31.739	36.244	40.642	44.938	97.5	.320	1.444	241.7
260	4.012	3.994	34.149	6.37	27.130	27.132	31.753	36.262	40.663	44.961	96.6	.339	1.372	261.9
280	4.042	4.023	34.166	6.21	27.141	27.143	31.763	36.271	40.671	44.968	95.8	.358	1.282	282.0
300	3.931	3.910	34.166	6.25	27.152	27.155	31.777	36.288	40.691	44.991	94.8	.377	1.389	302.2
320	3.789	3.767	34.158	6.23	27.160	27.162	31.789	36.304	40.710	45.013	94.2	.396	1.173	322.3
340	3.713	3.689	34.161	6.17	27.170	27.173	31.802	36.318	40.726	45.031	93.3	.415	1.324	342.5
360	3.568	3.543	34.158	6.14	27.182	27.185	31.818	36.338	40.750	45.058	92.2	.434	1.456	362.7
380	3.556	3.531	34.166	6.08	27.189	27.192	31.825	36.345	40.758	45.066	91.7	.452	1.047	382.9
400	3.545	3.518	34.169	6.09	27.193	27.196	31.829	36.350	40.762	45.072	91.4	.470	.815	403.0
450	3.330	3.300	34.165	5.97	27.211	27.214	31.853	36.380	40.797	45.112	89.9	.516	1.129	453.5
500	3.166	3.133	34.177	5.93	27.235	27.238	31.882	36.413	40.835	45.153	87.8	.560	1.290	504.0
550	3.044	3.008	34.191	5.82	27.258	27.261	31.909	36.442	40.868	45.189	85.8	.604	1.248	554.4
600	2.917	2.879	34.205	5.67	27.280	27.283	31.934	36.471	40.900	45.224	83.9	.646	1.231	604.9
650	2.784	2.743	34.221	5.57	27.305	27.308	31.963	36.503	40.935	45.263	81.6	.687	1.303	655.4
700	2.747	2.702	34.247	5.41	27.329	27.333	31.988	36.530	40.963	45.291	79.6	.728	1.257	705.9
750	2.719	2.671	34.271	5.25	27.350	27.354	32.010	36.552	40.986	45.315	77.9	.767	1.165	756.4
800	2.714	2.662	34.300	5.05	27.374	27.378	32.034	36.577	41.010	45.339	75.9	.805	1.230	807.0
900	2.742	2.683	34.366	4.69	27.424	27.429	32.084	36.625	41.058	45.386	71.9	.879	1.160	908.1
1000	2.726	2.659	34.423	4.44	27.471	27.477	32.132	36.673	41.106	45.434	68.0	.949	1.193	1009.3
1100	2.702	2.628	34.476	4.27	27.515	27.522	32.177	36.719	41.152	45.480	64.4	1.015	1.192	1110.5
1200	2.654	2.573	34.513	4.17	27.549	27.556	32.212	36.755	41.189	45.519	61.8	1.078	1.085	1211.8
1300	2.805	2.714	34.585	4.16	27.593	27.601	32.253	36.792	41.221	45.547	58.8	1.139	1.091	1313.1
1400	2.824	2.725	34.631	4.16	27.628	27.637	32.288	36.826	41.255	45.580	56.2	1.196	1.023	1414.5
1483	2.881	2.775	34.662	4.33	27.648	27.657	32.307	36.844	41.271	45.595	55.1	1.243	.858	1499.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	14.654	14.654	34.617	6.41					25.770	25.770	34.423	42.681	0.	
21	14.012	14.009	34.604	6.14	0.8	0.42	2.70	0.09	25.896	25.897	34.574	42.854	22.	
54	10.676	10.669	34.519	6.03	3.0	0.96	10.30	0.63	26.478	26.479	35.290	43.693	55.	
93	6.584	6.575	34.239	6.41	6.0	1.44	19.90	0.03	26.897	26.898	35.897	44.474	94.	
144	5.037	5.025	34.162	6.48	8.6	1.65	23.30	0.03	27.029	27.030	36.106	44.756	146.	
193	4.430	4.416	34.151	6.56	10.4	1.72	24.40	0.02	27.088	27.089	36.197	44.875	195.	
289	4.002	3.981	34.161	6.46	13.7	1.80	25.70	0.01	27.141	27.143	36.273	44.972	292.	
395	3.542	3.516	34.162	6.29	18.6	1.91	27.40	0.01	27.188	27.190	36.345	45.067	399.	
491	3.247	3.214	34.173	6.13	22.5	1.97	28.50	0.01	27.225	27.228	36.398	45.135	496.	
639	2.814	2.773	34.218	5.68	32.0	2.13	30.90	0.00	27.300	27.303	36.497	45.255	646.	
791	2.707	2.656	34.294	5.09	43.7	2.26	32.70	0.01	27.370	27.374	36.573	45.336	800.	
895	2.737	2.679	34.370	4.66	51.9	2.35	33.80	0.00	27.428	27.433	36.629	45.390	905.	BB
986	2.724	2.659	34.418	4.46	57.1	2.37	34.20	0.01	27.467	27.473	36.669	45.430	997.	
1087	2.714	2.641	34.469	4.30	61.0	2.40	34.20	0.01	27.509	27.515	36.712	45.473	1099.	
1279	2.750	2.661	34.560	4.22	63.5	2.32	33.30	0.01	27.578	27.586	36.780	45.538	1294.	
1475	2.878	2.772	34.661	4.32	61.4	2.18	31.80	0.01	27.647	27.657	36.843	45.594	1492.	

SHIP AT CRUISE 107 STATION 30
START 41 53.20 S 49 39.80 W AT 105 79/12/19
WIND = 10M/S COR. DEPTH = 5737M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.115	15.115	35.061	-9.00	26.010	26.010	30.377	34.641	38.806	42.878	200.5	0.000	0.000	-0.0
10	14.598	14.596	35.033	-9.00	26.102	26.102	30.479	34.752	38.926	43.007	192.1	0.020	5.353	10.1
20	14.539	14.536	35.033	-9.00	26.115	26.116	30.493	34.768	38.943	43.025	191.1	0.039	2.047	20.1
30	14.539	14.535	35.038	-9.00	26.118	26.119	30.497	34.771	38.947	43.028	191.1	0.058	1.087	30.2
40	14.480	14.475	35.026	-9.00	26.122	26.123	30.502	34.777	38.954	43.036	191.1	0.077	1.095	40.3
50	14.459	14.452	35.025	-9.00	26.125	26.127	30.506	34.782	38.959	43.042	191.0	0.096	1.097	50.3
60	14.283	14.274	35.046	-9.00	26.179	26.181	30.564	34.843	39.022	43.108	186.2	0.115	4.138	60.4
70	13.530	13.520	35.078	-9.00	26.362	26.364	30.761	35.054	39.247	43.345	169.0	0.133	7.597	70.4
80	13.159	13.148	35.055	-9.00	26.420	26.423	30.827	35.126	39.326	43.431	163.8	0.149	4.287	80.5
90	13.127	13.114	35.109	-9.00	26.469	26.471	30.876	35.175	39.376	43.481	159.4	0.166	3.915	90.6
100	12.881	12.867	35.102	-9.00	26.513	26.516	30.925	35.229	39.434	43.544	155.5	0.181	3.751	100.6
120	12.448	12.432	35.107	-9.00	26.602	26.606	31.024	35.336	39.549	43.666	147.4	0.212	3.770	120.8
140	12.464	12.445	35.146	-9.00	26.630	26.633	31.051	35.363	39.575	43.692	145.4	0.241	2.090	140.9
160	11.539	11.519	35.006	-9.00	26.699	26.703	31.140	35.471	39.702	43.836	139.1	0.269	3.366	161.1
180	10.988	10.965	34.923	-9.00	26.736	26.740	31.189	35.532	39.774	43.919	135.9	0.297	2.476	181.2
200	9.824	9.801	34.738	-9.00	26.796	26.800	31.276	35.644	39.910	44.079	130.3	0.323	3.189	201.3
220	8.968	8.945	34.595	-9.00	26.826	26.830	31.326	35.714	39.998	44.185	127.5	0.349	2.314	221.5
240	8.346	8.321	34.521	-9.00	26.865	26.869	31.380	35.782	40.080	44.280	123.8	0.374	2.587	241.6
260	7.815	7.789	34.479	-9.00	26.912	26.916	31.440	35.854	40.164	44.375	119.5	0.399	2.808	261.8
280	7.237	7.210	34.416	-9.00	26.946	26.950	31.488	35.916	40.239	44.463	116.2	0.422	2.435	282.0
300	6.925	6.897	34.404	-9.00	26.980	26.984	31.530	35.965	40.295	44.526	113.1	0.445	2.386	302.1
320	6.676	6.647	34.391	-9.00	27.004	27.008	31.560	36.001	40.337	44.573	111.0	0.468	2.010	322.3
340	6.234	6.204	34.339	-9.00	27.022	27.025	31.588	36.040	40.387	44.633	109.3	0.490	1.816	342.4
360	5.740	5.710	34.285	-9.00	27.042	27.046	31.621	36.086	40.444	44.702	107.3	0.511	1.971	362.6
380	5.286	5.255	34.246	-9.00	27.066	27.070	31.657	36.133	40.502	44.770	104.9	0.532	2.101	382.8
400	5.068	5.036	34.230	-9.00	27.079	27.083	31.676	36.157	40.532	44.805	103.7	0.553	1.561	402.9
450	4.738	4.703	34.217	-9.00	27.106	27.110	31.712	36.202	40.585	44.866	101.3	0.605	1.391	453.4
500	4.382	4.344	34.195	-9.00	27.128	27.132	31.744	36.243	40.635	44.924	99.3	0.655	1.295	503.9
550	4.145	4.105	34.184	-9.00	27.144	27.148	31.766	36.271	40.669	44.964	98.0	0.704	1.107	554.3
600	4.046	4.002	34.192	-9.00	27.161	27.165	31.786	36.294	40.694	44.991	96.7	0.753	1.076	604.8
650	3.831	3.784	34.186	-9.00	27.178	27.183	31.809	36.323	40.729	45.031	95.2	0.801	1.152	655.3
700	3.672	3.622	34.191	-9.00	27.198	27.203	31.833	36.351	40.761	45.068	93.5	0.848	1.196	705.8
750	3.478	3.426	34.193	-9.00	27.219	27.224	31.860	36.383	40.797	45.109	91.6	0.894	1.246	756.3
800	3.240	3.185	34.196	-9.00	27.243	27.248	31.891	36.420	40.841	45.158	89.2	0.939	1.362	806.9
900	3.025	2.964	34.242	-9.00	27.300	27.305	31.953	36.488	40.914	45.236	84.1	1.026	1.353	908.0
1000	2.837	2.770	34.266	-9.00	27.336	27.342	31.996	36.535	40.966	45.293	80.9	1.108	1.204	1009.1
1100	2.740	2.666	34.323	-9.00	27.390	27.397	32.052	36.594	41.027	45.356	76.2	1.187	1.394	1110.3
1200	2.877	2.794	34.404	-9.00	27.443	27.450	32.102	36.639	41.069	45.394	72.3	1.261	1.275	1211.6
1300	2.763	2.673	34.449	-9.00	27.489	27.497	32.151	36.692	41.124	45.451	68.3	1.332	1.269	1312.9
1400	2.694	2.597	34.497	-9.00	27.533	27.541	32.197	36.740	41.173	45.502	64.6	1.399	1.399	1414.3
1500	2.689	2.584	34.540	-9.00	27.567	27.577	32.233	36.775	41.209	45.538	61.9	1.462	1.000	1515.7
1600	2.717	2.603	34.599	-9.00	27.612	27.622	32.277	36.818	41.251	45.579	58.5	1.522	1.152	1617.2
1700	2.729	2.606	34.640	-9.00	27.644	27.653	32.309	36.850	41.282	45.610	56.2	1.579	1.039	1718.7
1800	2.884	2.750	34.704	-9.00	27.681	27.693	32.344	36.880	41.308	45.632	54.0	1.634	0.982	1820.2
1900	2.759	2.618	34.705	-9.00	27.693	27.706	32.359	36.900	41.331	45.658	53.0	1.688	0.718	1921.9
2000	2.763	2.612	34.735	-9.00	27.717	27.730	32.384	36.924	41.355	45.682	51.4	1.740	0.722	2023.5
2100	2.990	2.826	34.799	-9.00	27.747	27.762	32.409	36.943	41.368	45.690	50.4	1.791	0.720	2125.3
2200	2.961	2.788	34.815	-9.00	27.763	27.778	32.427	36.961	41.387	45.709	49.5	1.841	0.787	2227.0
2300	2.837	2.657	34.813	-9.00	27.772	27.788	32.440	36.978	41.408	45.733	48.6	1.890	0.675	2328.8
2400	2.799	2.610	34.826	-9.00	27.786	27.803	32.456	36.995	41.426	45.752	47.7	1.938	0.827	2430.7
2500	2.789	2.590	34.845	-9.00	27.802	27.820	32.473	37.013	41.444	45.770	46.8	1.985	0.624	2532.6
2600	2.762	2.554	34.852	-9.00	27.810	27.829	32.483	37.024	41.456	45.783	46.5	2.032	0.612	2634.6
2700	2.709	2.491	34.859	-9.00	27.820	27.839	32.495	37.038	41.471	45.800	45.9	2.078	0.749	2736.6
2800	2.692	2.464	34.866	-9.00	27.827	27.847	32.504	37.047	41.481	45.810	45.7	2.124	0.500	2838.6
2900	2.633	2.397	34.866	-9.00	27.832	27.853	32.511	37.056	41.492	45.823	45.4	2.169	0.646	2940.7
3000	2.419	2.177	34.843	-9.00	27.833	27.853	32.518	37.069	41.510	45.847	44.4	2.214	0.725	3042.9
3200	2.008	1.755	34.800	-9.00	27.832	27.852	32.529	37.092	41.545	45.893	42.2	2.302	1.036	3247.4
3400	1.724	1.457	34.767	-9.00	27.828	27.847	32.533	37.105	41.566	45.922	41.1	2.386	0.615	3452.0
3600	1.394	1.114	34.742	-9.00	27.832	27.852	32.548	37.129	41.600	45.965	38.5	2.465	0.718	3656.8
3800	1.164	0.869	34.727	-9.00	27.836	27.855	32.559	37.147	41.625	45.996	36.6	2.540	0.651	3861.8
4000	0.959	0.648	34.712	-9.00	27.838	27.857	32.567	37.162	41.646	46.023	34.8	2.611	0.561	4067.1
4200	0.657	0.333	34.697	-9.00	27.845	27.864	32.583	37.187	41.679	46.065	31.4	2.677	0.363	4272.5
4400	0.506	0.164	34.687	-9.00	27.846	27.865	32.590	37.199	41.696	46.086	29.9	2.739	0.764	4478.1
4600	0.392	0.031	34.682	-9.00	27.848	27.868	32.597	37.209	41.710	46.104	28.5	2.797	0.425	4683.8
4800	0.325	-0.057	34.678	-9.00	27.849	27.870	32.601	37.216	41.719	46.116	27.8	2.853	0.412	4889.8
5000	0.287	-0.118	34.676	-9.00	27.850	27.871	32.604	37.221	41.726	46.125	27.3	2.908	0.310	5095.9
5200	0.271	-0.157	34.674	-9.00	27.849	27.872	32.606	37.224	41.730	46.130	27.2	2.963	0.351	5302.3
5400	0.262	-0.190	34.673	-9.00	27.849	27.872	32.608	37.226	41.734	46.134	27.1	3.017	0.327	5508.8
5600	0.262	-0.216	34.672	-9.00	27.848	27.873	32.609	37.228	41.736	46.138	27.2	3.072	0.185	5715.5
5715	0.277	-0.216	34.670	-9.00	27.845	27.871	32.607	37.227	41.735	46.136	27.6	3.103	0.301	5835.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	15.085	15.085	35.094	6.11	0.4	0.24	0.10	0.02	26.042	26.042	34.674	42.911	0.	
42	14.483	14.477	35.032	5.94	1.3	0.35	1.30	0.08	26.126	26.127	34.782	43.040	43.	
91	13.111	13.099	35.106	5.55	2.6	0.64	7.00	0.36	26.470	26.472	35.177	43.483	92.	
188	10.616	10.593	34.858	5.25	5.3	1.11	14.60	0.03	26.752	26.756	35.565	43.967	191.	
290	7.127	7.099	34.420	5.66	8.4	1.57	21.50	0.03	26.965	26.969	35.940	44.492	293.	
488	4.432	4.396	34.204	6.33	13.0	1.76	25.30	0.01	27.130	27.134	36.241	44.920	493.	
687	3.742	3.693	34.194	6.16	19.6	1.91	27.70	0.01	27.193	27.198	36.343	45.056	694.	
897	3.019	2.958	34.239	5.51	32.6	2.13	31.20	0.00	27.298	27.304	36.487	45.235	906.	
986	2.842	2.776	34.264	5.29	37.8	2.20	32.10	0.01	27.334	27.340	36.532	45.290	997.	
1182	2.888	2.806	34.400	4.61	51.6	2.32	33.70	0.01	27.438	27.446	36.634	45.388	1195.	
1379	2.704	2.609	34.488	4.27	63.0	2.37	34.50	0.01	27.525	27.533	36.731	45.493	1395.	
1593	2.711	2.597	34.593	4.17	67.4	2.31	33.60	0.01	27.608	27.618	36.815	45.576	1612.	
1770	3.022	2.889	34.713	4.50	57.0	2.06	30.20	0.00	27.676	27.688	36.867	45.612	1792.	
1969	2.755	2.607	34.728	4.49	65.8	2.09	30.50	0.01	27.712	27.725	36.919	45.678	1995.	
2215	2.911	2.738	34.810	4.89	55.5	1.87	27.40	0.01	27.763	27.779	36.965	45.715	2245.	
2474	2.810	2.613	34.845	5.11	52.9	1.75	25.70	0.02	27.800	27.818	37.010	45.766	2509.	
2471	2.820	2.623	34.844	5.11	52.1	1.73	25.40	0.02	27.799	27.816	37.007	45.763	2506.	
2707	2.696	2.478	34.857	5.25	51.8	1.71	25.00	0.02	27.820	27.839	37.038	45.801	2747.	
2950	2.540	2.300	34.856	5.29	54.1	1.69	24.80	0.01	27.833	27.853	37.062	45.834	2995.	
3199	2.016	1.762	34.800	4.97	78.2	1.93	28.10	0.01	27.832	27.851	37.091	45.892	3250.	B8
3934	1.002	0.696	34.714	4.89	114.5	2.24	32.30	0.01	27.837	27.856	37.158	46.016	4003.	
4416	0.502	0.158	34.690	5.04	123.6	2.30	33.10	0.01	27.849	27.868	37.202	46.090	4498.	
4904	0.306	-0.088	34.701	5.10	117.9	2.26	32.50	0.01	27.869	27.890	37.238	46.139	5001.	B1
5388	0.266	-0.186	34.674	5.17	128.3	2.33	33.40	0.01	27.849	27.873	37.327	46.134	5501.	

SHIP AT CRUISE 107 STATION 31
START 41 55.35 S 50 11.35 W AT 836 79/12/19
WIND = 12M/S COR. DEPTH = 5644M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.020	16.020	34.459	6.29	25.345	25.345	29.699	33.951	38.105	42.166	263.7	0.000	0.000	- .0
10	15.096	15.095	34.528	6.65	25.604	25.605	29.975	34.243	38.412	42.487	239.4	.025	9.007	10.1
20	14.534	14.531	34.547	6.57	25.742	25.742	30.124	34.401	38.579	42.664	226.6	.048	6.577	20.1
30	14.379	14.374	34.525	6.48	25.757	25.758	30.143	34.423	38.604	42.692	225.4	.071	2.251	30.2
40	14.631	14.625	34.710	6.24	25.846	25.848	30.226	34.501	38.676	42.758	217.2	.093	5.286	40.2
50	13.564	13.557	34.712	5.97	26.073	26.074	30.473	34.767	38.962	43.062	195.9	.114	8.450	50.3
60	13.036	13.028	34.701	5.63	26.171	26.173	30.582	34.886	39.091	43.200	186.8	.133	5.584	60.4
70	12.997	12.987	34.796	5.44	26.253	26.255	30.664	34.969	39.173	43.282	179.3	.151	5.075	70.4
80	12.991	12.980	34.911	5.32	26.343	26.345	30.754	35.058	39.261	43.370	171.0	.169	5.316	80.5
90	12.094	12.082	34.708	5.33	26.363	26.365	30.792	35.115	39.336	43.463	169.3	.186	2.572	90.5
100	11.321	11.308	34.651	5.42	26.463	26.466	30.910	35.248	39.485	43.625	159.9	.202	5.665	100.6
120	11.118	11.104	34.745	5.55	26.574	26.576	31.024	35.366	39.606	43.750	149.9	.233	4.175	120.8
140	11.016	10.998	34.808	5.42	26.641	26.645	31.094	35.437	39.679	43.824	143.9	.263	3.274	140.9
160	10.682	10.662	34.786	5.35	26.684	26.688	31.144	35.495	39.743	43.895	140.2	.291	2.635	161.0
180	10.970	10.947	34.909	5.40	26.729	26.733	31.183	35.526	39.768	43.914	136.6	.319	2.620	181.2
200	10.095	10.072	34.750	5.42	26.759	26.763	31.233	35.595	39.856	44.019	133.9	.346	2.305	201.3
220	9.548	9.523	34.700	5.46	26.813	26.817	31.299	35.674	39.946	44.120	129.0	.372	2.981	221.5
240	8.643	8.617	34.570	5.55	26.857	26.861	31.365	35.760	40.052	44.245	124.7	.397	2.778	241.6
260	8.037	8.010	34.493	5.62	26.890	26.894	31.412	35.821	40.127	44.333	121.7	.422	2.394	261.8
280	7.268	7.241	34.387	5.70	26.919	26.923	31.460	35.887	40.210	44.433	118.8	.446	2.296	281.9
300	6.883	6.856	34.366	5.62	26.956	26.960	31.506	35.943	40.275	44.506	115.4	.470	2.499	302.1
320	6.578	6.549	34.352	5.53	26.987	26.991	31.545	35.989	40.328	44.566	112.6	.492	2.286	322.3
340	5.499	5.471	34.219	5.98	27.019	27.023	31.605	36.076	40.441	44.703	109.0	.514	2.544	342.4
360	4.982	4.953	34.177	6.33	27.047	27.050	31.646	36.130	40.507	44.782	106.2	.536	2.240	362.6
380	4.768	4.738	34.169	6.39	27.065	27.068	31.670	36.159	40.541	44.822	104.5	.557	1.782	382.8
400	4.681	4.650	34.171	6.40	27.076	27.079	31.683	36.174	40.559	44.841	103.6	.578	1.359	402.9
450	4.635	4.600	34.190	6.36	27.096	27.100	31.704	36.197	40.583	44.866	102.2	.629	1.147	453.4
500	4.482	4.444	34.189	6.39	27.112	27.117	31.725	36.222	40.612	44.898	100.9	.680	1.083	503.8
550	4.253	4.212	34.172	6.50	27.123	27.128	31.743	36.245	40.641	44.933	100.1	.730	.951	554.3
600	4.033	3.989	34.164	6.48	27.140	27.145	31.765	36.274	40.675	44.973	98.7	.780	1.133	604.8
650	3.969	3.922	34.177	6.38	27.157	27.162	31.784	36.295	40.697	44.996	97.4	.829	1.065	655.3
700	3.758	3.708	34.173	6.24	27.175	27.180	31.809	36.325	40.732	45.037	95.8	.877	1.184	705.8
750	3.682	3.628	34.191	6.16	27.197	27.202	31.832	36.350	40.760	45.066	94.0	.925	1.204	756.3
800	3.577	3.520	34.204	5.97	27.218	27.223	31.857	36.377	40.789	45.098	92.2	.971	1.210	806.8
900	3.264	3.201	34.219	5.84	27.259	27.265	31.907	36.436	40.856	45.172	88.4	1.062	1.267	907.9
1000	3.026	2.957	34.244	5.59	27.302	27.308	31.956	36.491	40.917	45.239	84.6	1.148	1.148	1009.1
1100	2.905	2.830	34.287	5.35	27.347	27.354	32.005	36.543	40.972	45.297	80.6	1.231	1.225	1110.3
1200	2.763	2.682	34.327	5.07	27.392	27.399	32.054	36.595	41.028	45.357	76.7	1.310	1.355	1211.5
1300	2.767	2.677	34.390	4.77	27.441	27.449	32.104	36.645	41.077	45.406	72.6	1.384	1.167	1312.8
1400	2.700	2.603	34.448	4.51	27.493	27.502	32.158	36.701	41.134	45.464	68.2	1.454	1.238	1414.2
1500	2.707	2.601	34.514	4.33	27.546	27.555	32.211	36.753	41.186	45.515	64.0	1.520	1.228	1515.6
1518	2.699	2.592	34.517	4.33	27.548	27.558	32.214	36.756	41.189	45.519	63.8	1.532	.756	1534.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
0	15.848	15.848	34.482	5.91	1.8	0.28	0.10	0.00	25.401	25.401	34.013	42.233	0.	
23	14.449	14.445	34.550	6.12	1.6	0.33	0.90	0.03	25.762	25.763	34.425	42.690	24.	
53	12.337	12.330	34.485	4.96	3.9	0.99	10.50	0.03	26.143	26.144	34.887	43.229	54.	
93	11.703	11.691	34.678	5.39	4.2	1.00	12.00	0.03	26.413	26.416	35.182	43.545	94.	B19
145	11.871	11.852	35.052	5.32	4.3	0.92	11.60	0.02	26.672	26.675	35.430	43.782	146.	B1
192	10.022	9.999	34.747	5.38	5.5	1.17	15.60	0.02	26.770	26.773	35.609	44.036	194.	B1
291	7.046	7.018	34.372	5.73	8.5	1.56	21.70	0.02	26.939	26.942	35.918	44.474	294.	
389	4.866	4.835	34.187	6.56	9.1	1.64	23.40	0.13	27.068	27.071	36.157	44.815	392.	
488	4.502	4.465	34.195	6.55	11.8	1.70	24.30	0.02	27.115	27.119	36.223	44.899	493.	
636	3.990	3.944	34.174	6.40	16.1	1.83	26.30	0.01	27.152	27.157	36.289	44.990	643.	
782	3.704	3.648	34.218	5.90	22.1	1.96	28.30	0.00	27.216	27.222	36.368	45.083	790.	
882	3.275	3.213	34.211	5.80	27.4	2.06	29.90	0.00	27.252	27.258	36.428	45.164	892.	
979	3.064	2.997	34.244	5.54	33.3	2.14	31.10	0.00	27.298	27.304	36.485	45.232	990.	
1080	2.946	2.872	34.284	5.29	39.4	2.22	32.30	0.00	27.341	27.347	36.534	45.287	1092.	
1274	2.738	2.650	34.372	4.72	51.5	2.31	33.40	0.01	27.429	27.437	36.635	45.397	1288.	
1516	2.689	2.582	34.518	4.24	66.7	2.38	34.60	0.02	27.550	27.559	36.758	45.521	1534.	

SHIP AT CRUISE 107 STATION 32
START 42 40 S 50 45.82 W AT 1147 79/12/19
WIND = 21M/S COR. DEPTH = 5697M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.299	16.299	34.388	6.28	25.226	25.226	29.576	33.824	37.974	42.030	275.0	0.000	0.000	-0
10	16.300	16.299	34.389	6.25	25.226	25.227	29.577	33.824	37.974	42.031	275.3	0.028	0.445	10.1
20	16.268	16.265	34.393	6.25	25.237	25.238	29.588	33.836	37.987	42.044	274.6	0.055	1.845	20.1
30	15.872	15.867	34.421	6.23	25.349	25.350	29.708	33.963	38.119	42.183	264.2	0.082	5.954	30.2
40	15.473	15.467	34.870	6.27	25.784	25.785	30.147	34.403	38.566	42.633	223.2	0.106	11.684	40.2
50	13.353	13.346	34.636	6.29	26.057	26.059	30.462	34.761	38.960	43.064	197.4	0.127	9.302	50.3
60	11.804	11.796	34.321	6.11	26.117	26.119	30.555	34.886	39.116	43.249	191.8	0.147	4.394	60.4
70	11.412	11.403	34.413	5.95	26.262	26.264	30.708	35.045	39.282	43.423	178.3	0.165	6.759	70.4
80	11.595	11.585	34.554	5.83	26.337	26.339	30.778	35.111	39.344	43.480	171.4	0.183	4.847	80.5
90	11.557	11.546	34.596	5.69	26.377	26.379	30.819	35.153	39.386	43.522	167.8	0.200	3.560	90.5
100	8.569	8.558	34.128	6.18	26.523	26.525	31.033	35.433	39.729	43.927	153.7	0.216	6.899	100.6
120	10.208	10.194	34.673	5.73	26.680	26.682	31.150	35.510	39.769	43.931	139.6	0.245	4.893	120.8
140	9.732	9.716	34.630	5.66	26.727	26.730	31.208	35.579	39.848	44.019	135.9	0.273	2.775	140.9
160	9.001	8.983	34.546	5.58	26.782	26.785	31.280	35.667	39.952	44.138	130.5	0.299	2.996	161.1
180	8.713	8.693	34.528	5.55	26.814	26.817	31.319	35.712	40.003	44.195	127.8	0.325	2.278	181.2
200	9.224	9.202	34.688	5.24	26.857	26.860	31.350	35.731	40.010	44.191	124.3	0.350	2.545	201.4
220	8.798	8.774	34.652	5.06	26.897	26.901	31.400	35.792	40.080	44.269	120.6	0.375	2.595	221.5
240	8.248	8.223	34.579	4.95	26.926	26.930	31.442	35.846	40.146	44.347	118.1	0.399	2.218	241.7
260	6.416	6.393	34.288	5.45	26.958	26.961	31.519	35.967	40.310	44.552	114.4	0.422	2.586	261.8
280	6.020	5.996	34.236	5.75	26.968	26.971	31.540	35.998	40.350	44.601	113.4	0.445	1.425	282.0
300	6.079	6.053	34.278	5.77	26.994	26.997	31.564	36.020	40.371	44.621	111.3	0.467	2.004	302.2
320	5.562	5.535	34.209	5.94	27.004	27.007	31.587	36.057	40.420	44.682	110.3	0.489	1.480	322.3
340	6.534	6.503	34.415	5.51	27.042	27.047	31.601	36.046	40.385	44.624	107.6	0.511	2.209	342.5
360	6.288	6.256	34.386	5.27	27.052	27.056	31.617	36.067	40.413	44.657	106.8	0.533	1.339	362.6
380	5.694	5.661	34.304	5.49	27.062	27.066	31.643	36.108	40.468	44.726	105.6	0.554	1.591	382.8
400	5.114	5.082	34.221	5.75	27.066	27.070	31.662	36.142	40.516	44.788	104.9	0.575	1.234	403.0
450	4.805	4.770	34.222	5.92	27.103	27.106	31.706	36.195	40.576	44.855	101.7	0.627	1.585	453.5
500	4.493	4.455	34.194	6.10	27.115	27.119	31.727	36.224	40.613	44.900	100.7	0.677	1.014	503.9
550	4.347	4.305	34.187	6.24	27.125	27.130	31.742	36.242	40.635	44.925	100.0	0.727	0.903	554.4
600	4.347	4.301	34.212	6.15	27.145	27.150	31.763	36.263	40.655	44.945	98.6	0.777	1.126	604.9
650	4.089	4.041	34.206	6.07	27.167	27.172	31.792	36.299	40.698	44.994	96.6	0.826	1.292	655.4
700	3.779	3.729	34.189	6.11	27.186	27.191	31.819	36.334	40.741	45.045	94.8	0.874	1.233	705.9
750	3.720	3.666	34.204	6.00	27.204	27.209	31.838	36.355	40.763	45.069	93.4	0.921	1.091	756.4
800	3.509	3.452	34.202	5.94	27.223	27.228	31.863	36.386	40.800	45.110	91.6	0.967	1.224	807.0
900	3.265	3.202	34.218	5.74	27.259	27.265	31.906	36.435	40.855	45.171	88.5	1.057	1.293	908.1
1000	2.945	2.877	34.243	5.58	27.308	27.314	31.965	36.502	40.930	45.254	83.7	1.143	1.230	1009.3
1100	2.872	2.797	34.294	5.23	27.356	27.362	32.014	36.553	40.983	45.309	79.7	1.225	1.270	1110.5
1200	2.878	2.795	34.353	4.93	27.402	27.410	32.061	36.600	41.029	45.354	76.0	1.303	1.075	1211.8
1300	2.805	2.714	34.413	4.66	27.456	27.464	32.118	36.658	41.089	45.416	71.4	1.376	1.322	1313.1
1400	2.718	2.620	34.463	4.45	27.504	27.512	32.168	36.710	41.143	45.472	67.3	1.446	1.193	1414.5
1500	2.735	2.629	34.520	4.34	27.548	27.557	32.212	36.753	41.186	45.514	63.9	1.511	1.114	1515.9
1600	2.773	2.658	34.569	4.25	27.583	27.593	32.247	36.787	41.219	45.546	61.4	1.574	1.046	1617.4
1700	2.776	2.653	34.610	4.30	27.616	27.627	32.280	36.820	41.251	45.578	59.0	1.634	1.019	1718.9
1800	2.785	2.652	34.647	4.34	27.645	27.656	32.310	36.849	41.280	45.607	57.0	1.692	1.001	1820.5
1900	2.795	2.654	34.677	4.31	27.668	27.680	32.333	36.873	41.303	45.630	55.5	1.748	0.901	1922.1
2000	2.717	2.567	34.698	4.33	27.691	27.704	32.360	36.901	41.334	45.662	53.6	1.803	0.946	2023.8
2100	2.684	2.525	34.721	4.40	27.712	27.726	32.382	36.925	41.358	45.688	52.1	1.856	0.841	2125.5
2200	2.659	2.492	34.741	4.46	27.731	27.746	32.403	36.946	41.380	45.710	50.8	1.907	0.860	2227.3
2300	2.624	2.448	34.754	4.53	27.744	27.760	32.418	36.962	41.397	45.728	49.9	1.957	0.707	2329.2
2400	2.660	2.473	34.784	4.60	27.765	27.781	32.438	36.982	41.416	45.746	48.8	2.007	0.694	2431.1
2500	2.837	2.637	34.834	4.91	27.789	27.807	32.459	36.998	41.428	45.753	48.3	2.055	0.684	2533.0
2600	2.822	2.613	34.851	5.19	27.804	27.823	32.475	37.014	41.445	45.771	47.5	2.103	0.687	2634.9
2700	2.591	2.375	34.823	5.06	27.802	27.821	32.480	37.026	41.462	45.794	46.7	2.150	0.668	2737.0
2800	2.532	2.308	34.831	5.14	27.813	27.832	32.494	37.041	41.479	45.813	45.9	2.196	0.674	2839.1
2900	2.378	2.147	34.815	5.04	27.814	27.833	32.499	37.051	41.494	45.832	45.2	2.242	0.514	2941.2
3000	2.285	2.046	34.813	5.02	27.820	27.840	32.509	37.064	41.509	45.849	44.5	2.287	0.749	3043.4
3200	1.874	1.624	34.771	4.92	27.820	27.839	32.520	37.087	41.543	45.895	42.3	2.374	0.756	3247.8
3400	1.614	1.349	34.749	4.77	27.822	27.841	32.530	37.104	41.569	45.928	40.7	2.457	0.693	3452.5
3600	1.367	1.087	34.734	4.77	27.828	27.847	32.544	37.126	41.598	45.963	38.6	2.536	0.674	3657.4
3800	1.179	0.883	34.724	4.77	27.833	27.852	32.555	37.143	41.620	45.992	37.0	2.612	0.744	3862.4
4000	0.949	0.638	34.711	4.84	27.838	27.858	32.568	37.163	41.646	46.025	34.7	2.683	0.647	4067.7
4200	0.733	0.406	34.697	4.91	27.841	27.860	32.577	37.179	41.669	46.053	32.6	2.751	0.693	4273.1
4400	0.524	0.181	34.688	4.98	27.846	27.865	32.589	37.197	41.694	46.084	30.1	2.814	0.711	4478.7
4600	0.387	0.027	34.681	5.02	27.848	27.868	32.596	37.209	41.710	46.105	28.5	2.872	0.609	4684.6
4800	0.315	-0.066	34.677	5.12	27.849	27.869	32.601	37.216	41.720	46.117	27.7	2.928	0.426	4890.6
5000	0.271	-0.132	34.674	5.17	27.849	27.870	32.604	37.221	41.727	46.126	27.2	2.983	0.517	5096.7
5200	0.257	-0.170	34.673	5.20	27.849	27.871	32.606	37.225	41.731	46.131	27.0	3.037	0.302	5303.1
5400	0.258	-0.195	34.672	5.22	27.848	27.872	32.607	37.226	41.734	46.134	27.1	3.092	0.391	5509.7
5600	0.266	-0.212	34.672	5.21	27.848	27.873	32.608	37.228	41.736	46.137	27.3	3.146	0.286	5716.4
5696	0.279	-0.212	34.670	5.15	27.845	27.871	32.607	37.227	41.735	46.136	27.7	3.173	-0.324	5816.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
690	3.956	3.905	34.193	6.16	17.1	1.87	27.00	0.00	27.171	27.176	36.310	45.012	697.	
904	3.257	3.194	34.223	5.74	27.8	2.08	30.30	0.01	27.264	27.269	36.440	45.177	914.	
991	3.036	2.968	34.249	5.46	32.7	2.14	31.30	0.01	27.305	27.311	36.493	45.241	1002.	
1184	2.861	2.779	34.333	4.92	45.4	2.29	33.30	0.01	27.387	27.395	36.586	45.342	1197.	
1375	2.753	2.657	34.443	4.41	57.7	2.36	34.40	0.01	27.485	27.493	36.689	45.449	1391.	
1580	2.726	2.613	34.558	4.18	64.4	2.34	34.00	0.00	27.579	27.589	36.785	45.546	1600.	
1775	2.732	2.602	34.631	4.22	66.3	2.27	33.10	0.00	27.637	27.648	36.844	45.604	1798.	
1972	2.832	2.683	34.718	4.45	62.4	2.11	30.90	0.00	27.697	27.710	36.901	45.655	1997.	
2216	2.696	2.526	34.764	4.61	64.7	2.03	29.60	0.00	27.746	27.761	36.959	45.721	2246.	
2461	2.812	2.616	34.830	5.02	54.2	1.81	26.60	0.00	27.788	27.806	36.997	45.754	2496.	
2956	2.313	2.077	34.796	5.09	67.3	1.88	27.40	0.00	27.804	27.824	37.046	45.830	3001.	B1
3190	1.936	1.685	34.777	4.87	82.8	2.02	29.20	0.00	27.820	27.839	37.083	45.888	3241.	
3446	1.595	1.326	34.746	4.73	96.8	2.12	30.80	0.00	27.821	27.840	37.105	45.930	3502.	B8
3657	1.341	1.056	34.730	4.82	105.7	2.19	31.70	0.00	27.826	27.846	37.127	45.966	3719.	
3933	1.063	0.755	34.716	4.86	112.2	2.24	32.20	0.00	27.834	27.854	37.152	46.008	4003.	
4426	0.527	0.181	34.686	5.04	122.3	2.32	33.10	0.00	27.844	27.864	37.196	46.083	4509.	
4914	0.295	-0.100	34.676	5.10	117.2	2.28	32.70	0.00	27.849	27.870	37.219	46.122	5011.	
5659	0.275	-0.211	34.674	5.19	128.1	2.34	33.40	0.01	27.849	27.874	37.230	46.139	5781.	

SHIP AT CRUISE 107 STATION 33
START 41 57.92 S 51 26.77 W AT 1930 79/12/19
WIND = 22M/S COR. DEPTH = 5615M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.432	17.432	34.806	-9.00	25.279	25.279	29.607	33.833	37.962	41.999	270.0	0.000	0.000	-0.0
10	17.443	17.441	34.807	-9.00	25.277	25.278	29.605	33.831	37.960	41.996	270.5	0.027	-0.696	10.1
20	17.347	17.344	34.797	-9.00	25.293	25.294	29.623	33.851	37.981	42.019	269.3	0.054	2.244	20.1
30	17.116	17.111	34.766	-9.00	25.324	25.325	29.659	33.890	38.025	42.066	266.7	0.081	3.152	30.2
40	15.343	15.337	34.510	-9.00	25.536	25.538	29.904	34.168	38.332	42.404	246.7	0.106	8.188	40.2
50	12.493	12.486	34.250	-9.00	25.931	25.932	30.355	34.673	38.890	43.011	209.3	0.129	11.161	50.3
60	12.567	12.559	34.558	-9.00	26.155	26.156	30.575	34.889	39.104	43.222	189.3	0.149	8.383	60.3
70	12.313	12.304	34.669	-9.00	26.290	26.292	30.715	35.033	39.251	43.374	175.8	0.167	6.525	70.4
80	11.288	11.279	34.535	-9.00	26.380	26.382	30.827	35.167	39.405	43.547	167.3	0.185	5.358	80.5
90	11.313	11.302	34.610	-9.00	26.433	26.436	30.880	35.218	39.456	43.597	162.5	0.201	4.113	90.5
100	11.219	11.206	34.696	-9.00	26.517	26.519	30.965	35.305	39.544	43.686	154.8	0.217	5.129	100.6
120	11.456	11.441	34.814	-9.00	26.565	26.568	31.008	35.342	39.576	43.713	150.8	0.247	2.741	120.7
140	10.302	10.286	34.638	-9.00	26.636	26.639	31.105	35.464	39.721	43.881	144.2	0.277	3.423	140.9
160	9.628	9.610	34.567	-9.00	26.695	26.698	31.180	35.553	39.825	43.998	138.8	0.305	3.105	161.0
180	9.434	9.413	34.586	-9.00	26.743	26.746	31.231	35.609	39.884	44.062	134.7	0.333	2.746	181.2
200	8.286	8.266	34.399	-9.00	26.779	26.782	31.295	35.699	39.999	44.201	131.3	0.359	2.537	201.3
220	7.835	7.814	34.357	-9.00	26.814	26.817	31.341	35.755	40.066	44.277	128.1	0.385	2.425	221.5
240	7.420	7.397	34.325	-9.00	26.849	26.853	31.387	35.811	40.131	44.351	124.9	0.410	2.438	241.6
260	6.919	6.895	34.290	-9.00	26.892	26.895	31.441	35.877	40.209	44.440	120.9	0.435	2.670	261.8
280	6.388	6.363	34.239	-9.00	26.923	26.926	31.486	35.935	40.279	44.522	117.9	0.459	2.341	281.9
300	6.223	6.196	34.242	-9.00	26.947	26.950	31.514	35.967	40.315	44.561	115.8	0.482	1.984	302.1
320	5.817	5.790	34.225	-9.00	26.985	26.988	31.562	36.025	40.382	44.638	112.2	0.505	2.537	322.2
340	5.145	5.118	34.149	-9.00	27.006	27.009	31.600	36.081	40.454	44.726	110.0	0.527	2.038	342.4
360	5.022	4.994	34.141	-9.00	27.014	27.017	31.612	36.095	40.472	44.747	109.3	0.549	1.218	362.6
380	5.054	5.024	34.166	-9.00	27.030	27.033	31.627	36.109	40.485	44.759	108.1	0.571	1.561	382.7
400	5.497	5.463	34.255	-9.00	27.048	27.052	31.634	36.105	40.469	44.732	107.0	0.592	1.487	402.9
450	4.858	4.823	34.200	-9.00	27.080	27.084	31.682	36.170	40.550	44.828	104.0	0.645	1.560	453.4
500	4.824	4.785	34.232	-9.00	27.108	27.113	31.712	36.200	40.581	44.860	101.7	0.697	1.361	503.8
550	4.407	4.365	34.187	-9.00	27.119	27.123	31.734	36.233	40.624	44.913	100.8	0.747	1.008	554.3
600	4.215	4.171	34.184	-9.00	27.137	27.142	31.758	36.261	40.657	44.951	99.2	0.797	1.160	604.8
650	4.475	4.425	34.247	-9.00	27.159	27.164	31.773	36.270	40.659	44.946	98.0	0.847	1.072	655.3
700	4.237	4.184	34.237	-9.00	27.177	27.182	31.798	36.300	40.696	44.989	96.5	0.895	1.173	705.8
750	4.116	4.059	34.250	-9.00	27.200	27.206	31.824	36.330	40.728	45.024	94.5	0.943	1.269	756.3
800	3.677	3.619	34.214	-9.00	27.216	27.221	31.852	36.370	40.779	45.086	92.6	0.990	1.259	806.8
900	3.357	3.293	34.234	-9.00	27.262	27.268	31.908	36.433	40.851	45.165	88.3	1.080	1.322	907.9
1000	3.198	3.128	34.272	-9.00	27.308	27.314	31.958	36.488	40.909	45.227	84.4	1.167	1.274	1009.1
1100	3.102	3.025	34.309	-9.00	27.346	27.353	31.999	36.531	40.956	45.276	81.3	1.250	1.176	1110.3
1200	3.001	2.916	34.354	-9.00	27.391	27.399	32.047	36.583	41.009	45.331	77.4	1.329	1.262	1211.5
1300	2.789	2.698	34.382	-9.00	27.433	27.441	32.095	36.635	41.067	45.395	73.5	1.404	1.184	1312.8
1400	2.772	2.674	34.442	-9.00	27.482	27.491	32.145	36.686	41.118	45.445	69.5	1.476	1.133	1414.2
1500	2.795	2.688	34.499	-9.00	27.525	27.535	32.188	36.728	41.159	45.486	66.2	1.543	1.023	1515.6
1600	2.733	2.618	34.541	-9.00	27.565	27.575	32.230	36.772	41.204	45.532	62.9	1.608	1.199	1617.1
1700	2.799	2.675	34.599	-9.00	27.605	27.616	32.269	36.808	41.239	45.566	60.1	1.669	1.150	1718.6
1800	2.849	2.716	34.647	-9.00	27.639	27.651	32.302	36.840	41.270	45.595	57.8	1.728	0.964	1820.1
1900	2.916	2.772	34.696	-9.00	27.672	27.685	32.335	36.871	41.298	45.622	55.6	1.785	0.840	1921.7
2000	2.715	2.566	34.691	-9.00	27.686	27.699	32.354	36.896	41.328	45.657	54.1	1.840	0.935	2023.4
2100	2.713	2.554	34.722	-9.00	27.711	27.724	32.380	36.922	41.354	45.683	52.4	1.893	0.991	2125.1
2200	2.799	2.630	34.760	-9.00	27.733	27.748	32.402	36.941	41.371	45.698	51.3	1.945	0.766	2226.9
2300	2.924	2.743	34.805	-9.00	27.758	27.774	32.424	36.960	41.387	45.711	50.4	1.996	0.879	2328.7
2400	2.856	2.666	34.811	-9.00	27.769	27.786	32.438	36.976	41.405	45.730	49.6	2.046	0.712	2430.6
2500	2.721	2.523	34.803	-9.00	27.775	27.792	32.448	36.989	41.422	45.751	48.9	2.095	0.613	2532.5
2600	2.642	2.436	34.806	-9.00	27.784	27.802	32.460	37.004	41.439	45.770	48.1	2.143	0.607	2634.4
2700	2.754	2.536	34.843	-9.00	27.804	27.823	32.478	37.019	41.451	45.779	47.6	2.191	0.576	2736.4
2800	2.641	2.415	34.841	-9.00	27.812	27.832	32.490	37.035	41.470	45.801	46.7	2.239	0.806	2838.5
2900	2.598	2.362	34.847	-9.00	27.821	27.841	32.501	37.047	41.483	45.816	46.2	2.285	0.609	2940.6
3000	2.430	2.188	34.826	-9.00	27.818	27.838	32.503	37.054	41.495	45.832	45.7	2.331	0.596	3042.8
3200	2.061	1.806	34.792	-9.00	27.822	27.842	32.518	37.079	41.531	45.878	43.5	2.420	0.830	3247.2
3400	1.749	1.481	34.760	-9.00	27.821	27.840	32.526	37.097	41.558	45.913	41.9	2.506	0.764	3451.8
3600	1.463	1.182	34.742	-9.00	27.827	27.847	32.541	37.120	41.589	45.953	39.5	2.588	0.747	3656.7
3800	1.237	0.939	34.727	-9.00	27.832	27.852	32.553	37.139	41.615	45.985	37.6	2.665	0.638	3861.7
4000	1.009	0.697	34.714	-9.00	27.836	27.856	32.564	37.158	41.640	46.016	35.5	2.738	0.746	4066.9
4200	0.796	0.467	34.701	-9.00	27.839	27.859	32.575	37.174	41.663	46.046	33.3	2.807	0.662	4272.3
4400	0.547	0.204	34.688	-9.00	27.844	27.864	32.587	37.194	41.691	46.080	30.5	2.871	0.824	4477.9
4600	0.396	0.035	34.662	-9.00	27.848	27.868	32.596	37.209	41.710	46.104	28.6	2.929	0.504	4683.7
4800	0.324	-0.058	34.677	-9.00	27.848	27.869	32.600	37.215	41.719	46.116	27.8	2.986	0.483	4889.6
5000	0.282	-0.122	34.674	-9.00	27.849	27.870	32.604	37.220	41.726	46.124	27.3	3.041	0.370	5095.8
5200	0.265	-0.163	34.672	-9.00	27.848	27.870	32.604	37.223	41.729	46.129	27.2	3.095	0.214	5302.1
5400	0.260	-0.192	34.672	-9.00	27.848	27.872	32.607	37.226	41.734	46.134	27.1	3.150	0.393	5508.6
5600	0.273	-0.205	34.670	-9.00	27.846	27.871	32.607	37.226	41.734	46.135	27.5	3.205	-0.054	5715.3
5630	0.277	-0.205	34.668	-9.00	27.844	27.869	32.605	37.225	41.732	46.133	27.7	3.213	-0.407	5747.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
1	17.438	17.438	34.806	5.57	2.0	0.26	0.00	0.01	25.278	25.278	33.831	41.997	1.	
44	14.191	14.184	34.569	5.74	2.2	0.41	0.20	0.17	25.832	25.833	34.504	42.779	45.	
95	11.049	11.037	34.604	5.84	2.4	1.41	1.60	0.03	26.477	26.479	35.273	43.661	97.	B4
206	7.920	7.900	34.332	5.83	5.5	1.42	18.60	0.02	26.781	26.785	35.719	44.238	208.	B59
295	6.347	6.321	34.257	6.07	5.5	1.60	18.70	0.04	26.942	26.946	35.956	44.545	298.	
492	4.981	4.941	34.246	6.03	7.5	1.77	21.80	0.02	27.102	27.106	36.185	44.837	497.	
696	4.244	4.191	34.237	5.84	12.9	1.92	25.20	0.02	27.176	27.181	36.299	44.987	704.	
889	3.377	3.314	34.228	5.72	19.1	2.08	27.60	0.01	27.256	27.262	36.426	45.157	898.	
983	3.355	3.285	34.287	5.22	28.3	2.15	30.10	0.01	27.305	27.312	36.476	45.208	993.	
1178	3.035	2.952	34.347	4.86	34.1	2.28	31.40	0.01	27.383	27.390	36.572	45.319	1191.	
1377	2.790	2.693	34.514	4.45	44.5	2.36	32.80	0.01	27.538	27.547	36.740	45.497	1393.	B1
1544	2.768	2.657	34.518	4.24	56.9	2.37	34.00	0.01	27.543	27.553	36.748	45.507	1563.	
1767	2.836	2.705	34.636	4.27	62.5	2.24	33.90	0.01	27.631	27.643	36.833	45.588	1789.	
1966	2.846	2.697	34.705	4.41	63.5	2.13	32.30	0.01	27.685	27.699	36.888	45.643	1991.	
2461	2.760	2.565	34.804	4.86	63.6	1.90	30.90	0.01	27.772	27.789	36.984	45.744	2495.	
2665	2.782	2.566	34.845	5.13	59.9	1.76	27.60	0.01	27.803	27.822	37.016	45.775	2703.	
2946	2.560	2.320	34.845	5.21	53.1	1.73	25.30	0.01	27.822	27.843	37.051	45.822	2991.	
3173	2.092	1.839	34.794	4.91	56.0	1.97	25.20	0.01	27.821	27.841	37.076	45.873	3223.	
3446	1.711	1.439	34.762	4.80	78.3	2.07	28.40	0.01	27.825	27.845	37.103	45.922	3502.	
3701	1.351	1.061	34.733	4.80	92.4	2.18	29.90	0.01	27.828	27.848	37.128	45.967	3763.	B8
3923	1.108	0.801	34.721	4.82	105.0	2.22	31.30	0.01	27.835	27.855	37.151	46.004	3991.	
4409	0.527	0.183	34.688	5.02	110.7	2.30	31.90	0.01	27.846	27.865	37.197	46.084	4491.	
4918	0.303	-0.092	34.663	5.07	122.3	2.26	32.80	0.02	27.838	27.859	37.208	46.111	5015.	B1
5644	0.284	-0.201	34.666	5.19	-	-	-	-	27.842	27.867	37.222	46.131	5765.	B189

SHIP AT CRUISE 107 STATION 34
START 41 59.51 S 52 4.37 W AT 510 79/12/20
WIND = 14M/S COR. DEPTH = 5640M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.696	16.696	34.886	5.60	25.516	25.516	29.855	34.093	38.233	42.281	247.5	0.000	0.000	- 0
10	16.669	16.667	34.880	5.60	25.517	25.517	29.858	34.096	38.237	42.285	247.7	0.025	0.764	10.1
20	16.621	16.618	34.872	5.73	25.522	25.523	29.865	34.104	38.245	42.294	247.5	0.050	1.337	20.1
30	16.672	16.667	34.888	5.67	25.523	25.524	29.864	34.102	38.243	42.291	247.8	0.074	0.465	30.2
40	13.497	13.490	34.614	5.83	25.582	25.583	29.946	34.206	38.368	42.436	242.4	0.099	4.335	40.2
50	13.235	13.228	34.168	6.24	25.720	25.722	30.130	34.434	38.638	42.747	229.4	0.122	6.640	50.3
60	11.554	11.546	33.932	6.50	25.863	25.864	30.309	34.647	38.884	43.025	215.9	0.145	6.738	60.4
70	11.045	11.037	33.985	6.71	25.997	25.998	30.453	34.801	39.048	43.198	203.4	0.166	6.505	70.4
80	11.482	11.471	34.275	6.48	26.142	26.144	30.587	34.925	39.161	43.301	189.9	0.185	6.735	80.5
90	14.641	14.628	35.276	5.45	26.279	26.282	30.657	34.928	39.100	43.178	177.6	0.204	6.459	90.5
100	15.346	15.331	35.588	4.97	26.364	26.368	30.727	34.984	39.142	43.207	169.9	0.221	5.136	100.6
120	15.191	15.173	35.622	5.11	26.425	26.429	30.791	35.050	39.211	43.278	164.8	0.254	3.111	120.7
140	14.913	14.892	35.596	5.18	26.467	26.472	30.839	35.103	39.269	43.341	161.4	0.287	2.594	140.9
160	14.518	14.494	35.530	4.99	26.502	26.507	30.882	35.154	39.327	43.406	158.6	0.319	2.402	161.0
180	14.061	14.035	35.459	5.01	26.545	26.551	30.935	35.216	39.397	43.484	154.9	0.350	2.657	181.2
200	13.208	13.180	35.313	5.02	26.610	26.616	31.018	35.315	39.512	43.615	149.1	0.381	3.278	201.3
220	12.480	12.450	35.195	5.09	26.665	26.671	31.088	35.400	39.611	43.728	144.1	0.410	3.018	221.4
240	11.835	11.803	35.073	5.14	26.695	26.701	31.132	35.457	39.682	43.810	141.5	0.439	2.289	241.6
260	10.452	10.421	34.818	5.24	26.750	26.755	31.217	35.572	39.825	43.981	136.2	0.467	3.114	261.7
280	9.936	9.904	34.750	5.02	26.787	26.792	31.266	35.632	39.896	44.063	132.9	0.493	2.508	281.9
300	9.755	9.721	34.770	4.87	26.833	26.839	31.316	35.686	39.954	44.124	128.8	0.520	2.730	302.0
320	9.238	9.203	34.708	4.87	26.870	26.876	31.365	35.747	40.025	44.206	125.4	0.545	2.536	322.2
340	8.811	8.774	34.668	4.80	26.908	26.914	31.413	35.804	40.092	44.281	121.9	0.570	2.536	342.4
360	8.623	8.585	34.656	4.68	26.928	26.934	31.438	35.833	40.125	44.318	120.3	0.594	1.853	362.5
380	7.788	7.750	34.545	4.87	26.968	26.974	31.498	35.913	40.223	44.434	116.2	0.618	2.723	382.7
400	7.226	7.187	34.466	4.99	26.987	26.993	31.531	35.959	40.282	44.506	114.3	0.641	1.947	402.9
450	6.051	6.011	34.327	5.49	27.036	27.041	31.608	36.065	40.416	44.667	109.3	0.697	1.949	453.3
500	5.154	5.114	34.237	5.99	27.075	27.079	31.670	36.150	40.523	44.794	105.3	0.750	1.765	503.8
550	4.864	4.820	34.223	6.08	27.097	27.102	31.701	36.188	40.568	44.846	103.4	0.802	1.294	554.2
600	4.760	4.712	34.233	6.22	27.117	27.122	31.723	36.213	40.596	44.876	101.9	0.854	1.165	604.7
650	4.616	4.565	34.233	6.21	27.132	27.138	31.743	36.236	40.622	44.906	100.8	0.904	1.063	655.2
700	4.420	4.366	34.233	6.13	27.154	27.160	31.770	36.268	40.659	44.948	98.9	0.954	1.260	705.7
750	4.268	4.211	34.231	6.14	27.169	27.175	31.790	36.292	40.687	44.979	97.7	1.003	1.072	756.2
800	3.946	3.887	34.211	6.14	27.186	27.193	31.816	36.327	40.730	45.030	95.9	1.052	1.235	806.7
900	3.580	3.515	34.218	6.09	27.229	27.235	31.868	36.389	40.801	45.110	91.9	1.146	1.279	907.8
1000	3.424	3.352	34.274	5.63	27.288	27.295	31.932	36.456	40.872	45.185	86.8	1.235	1.402	1009.0
1100	3.194	3.116	34.299	5.37	27.330	27.338	31.981	36.511	40.933	45.251	83.0	1.320	1.310	1110.2
1200	3.062	2.977	34.343	5.07	27.378	27.385	32.032	36.566	40.991	45.311	78.9	1.401	1.364	1211.4
1300	2.950	2.858	34.394	4.76	27.428	27.437	32.086	36.623	41.050	45.374	74.4	1.478	1.260	1312.7
1400	2.928	2.829	34.449	4.55	27.474	27.483	32.133	36.669	41.098	45.421	70.8	1.551	1.384	1414.1
1492	3.011	2.902	34.516	4.41	27.520	27.530	32.177	36.711	41.137	45.458	67.4	1.615	1.295	1508.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	16.559	16.559	34.948	5.68					25.595	25.595	34.177	42.368	0.	
10	16.544	16.542	34.930						25.585	25.585	34.168	42.360	11.	
23	16.537	16.533	34.937	5.66					25.592	25.593	34.175	42.368	24.	
37	16.508	16.502	34.925						25.590	25.591	34.175	42.368	38.	
53	16.037	16.028	34.954	5.44					25.721	25.723	34.322	42.531	54.	
93	15.064	15.049	35.518	5.25					26.373	26.377	35.003	43.237	95.	B19
141	14.989	14.967	35.634	5.05					26.479	26.484	35.112	43.347	143.	
140	15.006	14.985	35.634	5.05					26.475	26.480	35.108	43.342	142.	
194	13.237	13.210	35.317	4.91					26.607	26.613	35.311	43.610	196.	
193	13.348	13.320	35.317	4.91					26.585	26.590	35.284	43.579	195.	
242	11.922	11.890	35.114	5.20					26.710	26.716	35.468	43.818	244.	B1
305	8.791	8.758	34.576	5.42					26.839	26.844	35.737	44.216	308.	
350	7.720	7.685	34.460	5.57					26.911	26.917	35.859	44.385	354.	
391	7.613	7.574	34.515	5.15					26.970	26.976	35.923	44.453	395.	B1
454	6.088	6.048	34.334	5.64					27.037	27.042	36.064	44.664	458.	
530	4.912	4.870	34.212	6.15					27.083	27.087	36.171	44.827	536.	
1280	2.954	2.864	34.384	4.69					27.420	27.428	36.614	45.364	1295.	
1431	3.011	2.907	34.467	4.41					27.481	27.490	36.672	45.420	1448.	B19

SHIP AT CRUISE 107 STATION 35
START 42 76 S 52 30.32 W AT 929 79/12/20
WIND = 14M/S COR. DEPTH = 5640M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.475	16.475	34.463	6.67	25.243	25.243	29.589	33.834	37.980	42.033	273.4	0.000	0.000	-0
10	16.465	16.464	34.465	7.05	25.246	25.247	29.593	33.838	37.984	42.038	273.4	0.027	0.099	10.1
20	16.454	16.451	34.473	7.08	25.256	25.256	29.603	33.848	37.994	42.048	272.8	0.055	1.728	20.1
30	15.455	15.451	34.467	7.11	25.478	25.479	29.844	34.105	38.269	42.339	252.0	0.081	8.371	30.2
40	13.029	13.024	34.383	6.91	25.928	25.929	30.340	34.646	38.853	42.964	209.4	0.104	11.900	40.2
50	11.536	11.530	34.195	6.48	26.070	26.071	30.514	34.851	39.086	43.226	196.0	0.124	6.718	50.3
60	11.708	11.700	34.415	6.01	26.209	26.210	30.648	34.980	39.211	43.346	183.1	0.143	6.602	60.4
70	11.392	11.383	34.389	6.01	26.247	26.249	30.694	35.032	39.269	43.410	179.7	0.161	3.507	70.4
80	11.950	11.939	34.660	5.79	26.353	26.355	30.786	35.111	39.336	43.465	170.0	0.179	5.734	80.5
90	11.058	11.047	34.572	5.96	26.450	26.452	30.903	35.247	39.489	43.635	160.8	0.195	5.575	90.6
100	10.499	10.487	34.518	5.91	26.508	26.511	30.973	35.329	39.582	43.740	155.5	0.211	4.314	100.6
120	12.484	12.468	35.138	5.55	26.620	26.623	31.040	35.352	39.563	43.680	145.8	0.241	4.099	120.8
140	11.951	11.933	35.058	5.48	26.661	26.665	31.093	35.416	39.638	43.765	142.3	0.270	2.614	140.9
160	8.228	8.212	34.318	6.31	26.725	26.727	31.242	35.648	39.950	44.154	135.6	0.298	3.434	161.1
180	6.283	6.267	34.112	7.50	26.836	26.838	31.401	35.854	40.201	44.447	124.6	0.324	4.326	181.2
200	5.409	5.393	34.110	7.41	26.943	26.945	31.530	36.004	40.371	44.637	114.4	0.348	4.173	201.4
220	5.081	5.064	34.119	7.20	26.989	26.991	31.585	36.067	40.441	44.715	110.1	0.370	2.739	221.5
240	4.962	4.943	34.125	7.21	27.008	27.010	31.606	36.091	40.469	44.745	108.5	0.392	1.742	241.7
260	5.131	5.111	34.170	7.00	27.024	27.027	31.618	36.098	40.472	44.744	107.3	0.414	1.543	261.8
280	4.906	4.885	34.158	7.03	27.040	27.043	31.640	36.126	40.505	44.782	105.9	0.435	1.675	282.0
300	4.812	4.789	34.160	6.95	27.053	27.055	31.655	36.144	40.525	44.804	104.9	0.456	1.434	302.2
320	4.702	4.678	34.157	7.03	27.063	27.065	31.668	36.160	40.544	44.825	104.0	0.477	1.314	322.3
340	4.808	4.782	34.178	6.96	27.067	27.070	31.670	36.159	40.540	44.819	103.9	0.498	1.783	342.5
360	4.715	4.687	34.175	6.99	27.075	27.078	31.681	36.171	40.555	44.837	103.3	0.519	1.174	362.7
380	4.580	4.552	34.166	7.01	27.083	27.086	31.693	36.187	40.574	44.858	102.6	0.539	1.222	382.8
400	4.623	4.592	34.180	6.99	27.090	27.093	31.698	36.191	40.577	44.861	102.2	0.560	0.996	403.0
450	4.405	4.371	34.168	7.08	27.104	27.108	31.719	36.217	40.609	44.898	101.1	0.610	1.036	453.5
500	4.282	4.245	34.167	6.99	27.116	27.120	31.734	36.236	40.631	44.923	100.3	0.661	0.938	504.0
550	4.145	4.104	34.168	6.96	27.132	27.136	31.754	36.259	40.657	44.952	99.2	0.711	1.047	554.4
600	3.916	3.872	34.160	6.93	27.149	27.153	31.777	36.289	40.693	44.993	97.7	0.760	1.150	604.9
650	3.764	3.718	34.161	6.83	27.165	27.170	31.798	36.314	40.721	45.026	96.3	0.808	1.097	655.4
700	3.735	3.685	34.188	6.46	27.190	27.194	31.823	36.340	40.748	45.053	94.4	0.856	1.249	705.9
750	3.501	3.448	34.176	6.34	27.203	27.208	31.843	36.366	40.780	45.090	93.1	0.903	1.056	756.5
800	3.376	3.320	34.182	6.24	27.220	27.225	31.864	36.390	40.807	45.121	91.6	0.949	1.121	807.0
900	3.265	3.202	34.240	5.71	27.276	27.282	31.924	36.452	40.872	45.188	86.8	1.038	1.198	908.1
1000	3.188	3.118	34.273	5.39	27.310	27.316	31.960	36.490	40.912	45.230	84.2	1.124	1.105	1009.3
1100	2.999	2.923	34.311	5.10	27.357	27.364	32.013	36.548	40.975	45.297	79.9	1.205	1.190	1110.5
1200	2.858	2.776	34.348	4.71	27.400	27.407	32.059	36.598	41.028	45.354	76.2	1.284	1.188	1211.8
1300	2.838	2.747	34.400	4.48	27.443	27.451	32.104	36.643	41.073	45.399	72.7	1.358	1.117	1313.1
1400	2.924	2.824	34.469	4.33	27.490	27.499	32.149	36.685	41.113	45.437	69.3	1.429	1.105	1414.5
1500	2.959	2.850	34.535	4.23	27.540	27.550	32.198	36.734	41.160	45.483	65.4	1.496	1.185	1515.9
1600	3.109	2.990	34.604	4.24	27.581	27.592	32.236	36.767	41.189	45.508	62.9	1.560	1.070	1617.4
1700	3.151	3.022	34.656	4.29	27.618	27.630	32.273	36.803	41.224	45.542	60.3	1.622	1.056	1718.9
1800	3.244	3.105	34.712	4.39	27.654	27.667	32.307	36.834	41.253	45.568	58.1	1.681	0.954	1820.5
1900	3.418	3.267	34.781	4.61	27.692	27.707	32.342	36.865	41.279	45.589	56.1	1.738	0.968	1922.1
2000	3.471	3.309	34.829	4.85	27.725	27.741	32.375	36.896	41.308	45.617	54.1	1.793	0.950	2023.8
2100	3.486	3.315	34.857	5.09	27.746	27.763	32.397	36.917	41.329	45.638	53.0	1.847	0.816	2125.6
2200	3.374	3.194	34.862	5.20	27.761	27.778	32.415	36.939	41.354	45.666	51.9	1.899	0.806	2227.3
2300	3.378	3.189	34.889	5.36	27.782	27.801	32.437	36.961	41.376	45.688	50.7	1.951	0.862	2329.2
2400	3.232	3.035	34.880	5.37	27.789	27.808	32.449	36.976	41.395	45.711	50.0	2.001	0.778	2431.1
2500	3.018	2.815	34.859	5.34	27.792	27.811	32.458	36.992	41.416	45.737	49.1	2.051	0.751	2533.0
2600	3.161	2.945	34.904	5.55	27.815	27.835	32.478	37.009	41.430	45.747	48.6	2.099	0.772	2634.9
2700	3.069	2.844	34.902	5.72	27.822	27.843	32.488	37.021	41.445	45.765	48.0	2.148	0.593	2737.0
2800	2.884	2.653	34.885	5.60	27.825	27.846	32.497	37.035	41.464	45.789	47.1	2.195	0.780	2839.1
2900	2.732	2.494	34.865	5.49	27.823	27.844	32.500	37.042	41.476	45.805	46.9	2.242	0.513	2941.2
3000	2.707	2.458	34.877	5.51	27.835	27.857	32.514	37.057	41.491	45.821	46.2	2.289	0.691	3043.4
3200	2.361	2.099	34.841	5.46	27.836	27.857	32.525	37.078	41.521	45.861	44.6	2.380	0.701	3247.8
3400	1.769	1.500	34.761	5.00	27.820	27.840	32.525	37.095	41.555	45.910	42.1	2.466	0.795	3452.5
3600	1.484	1.201	34.738	4.74	27.822	27.842	32.536	37.115	41.583	45.946	40.1	2.549	0.660	3657.4
3800	1.265	0.967	34.725	4.73	27.828	27.848	32.548	37.133	41.609	45.978	38.2	2.627	0.662	3862.4
4000	1.062	0.748	34.713	4.79	27.832	27.852	32.559	37.151	41.632	46.007	36.3	2.702	0.688	4067.7
4200	0.789	0.461	34.697	4.85	27.837	27.857	32.573	37.172	41.661	46.044	33.5	2.771	0.749	4273.1
4400	0.558	0.214	34.685	4.94	27.841	27.861	32.584	37.191	41.687	46.077	30.8	2.836	0.715	4478.7
4600	0.409	0.048	34.678	5.05	27.845	27.865	32.593	37.205	41.705	46.099	29.0	2.896	0.582	4684.5
4800	0.331	0.051	34.676	5.08	27.847	27.868	32.598	37.214	41.717	46.114	28.0	2.953	0.464	4890.5
5000	0.278	0.125	34.671	5.17	27.846	27.868	32.601	37.218	41.723	46.122	27.5	3.008	0.272	5096.7
5200	0.259	0.168	34.669	5.23	27.846	27.868	32.603	37.221	41.728	46.128	27.3	3.063	0.272	5303.1
5400	0.255	0.197	34.669	5.20	27.846	27.869	32.604	37.224	41.732	46.132	27.3	3.117	0.196	5509.6
5577	0.274	0.201	34.670	5.19	27.846	27.871	32.606	37.225	41.733	46.134	27.6	3.166	0.248	5693.0

DE	TE	PT	SA	OX	SIL	PO4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	16.366	16.366	34.431	5.83	1.8	0.30	0.10	0.00	25.244	25.244	33.839	42.042	0.	
41	12.044	12.038	34.079	6.78	0.9	0.63	6.20	0.10	25.885	25.886	34.646	43.004	42.	
78	8.962	8.953	34.081	7.12	0.9	0.95	10.80	0.13	26.425	26.426	35.317	43.795	80.	
293	4.674	4.652	34.164	6.94	7.9	1.60	22.60	0.02	27.071	27.074	36.169	44.836	296.	
297	4.673	4.651	34.159	6.78	8.1	1.61	22.90	0.02	27.067	27.070	36.165	44.832	300.	
498	4.192	4.156	34.172	6.57	13.1	1.74	25.00	0.00	27.130	27.134	36.254	44.945	503.	
694	3.761	3.711	34.178	6.34	18.0	1.85	26.70	0.00	27.179	27.184	36.328	45.040	701.	
898	3.347	3.284	34.251	5.46	30.5	2.10	30.60	0.00	27.277	27.283	36.449	45.181	907.	
984	3.177	3.108	34.265	5.49	33.5	2.12	31.10	0.00	27.304	27.311	36.485	45.226	995.	
1184	2.795	2.714	34.341	4.84	49.3	2.30	33.40	0.00	27.400	27.407	36.602	45.361	1197.	
1377	2.949	2.851	34.471	4.43	54.4	2.29	33.30	0.00	27.489	27.498	36.683	45.434	1394.	
1549	3.051	2.937	34.570	4.38	54.3	2.20	32.30	0.00	27.559	27.569	36.748	45.493	1567.	
1765	3.114	2.980	34.675	4.47	54.4	2.09	30.70	0.00	27.637	27.649	36.824	45.565	1787.	
1961	3.404	3.247	34.804	4.88	41.4	1.82	26.70	0.00	27.712	27.727	36.886	45.611	1986.	
2146	3.403	3.228	34.861	5.18	37.1	1.68	24.70	0.00	27.757	27.774	36.933	45.658	2175.	B4
2345	3.308	3.115	34.884	5.33	36.5	1.60	23.80	0.00	27.785	27.803	36.968	45.698	2377.	B4
2941	2.762	2.518	34.871	5.43	45.4	1.59	23.60	0.00	27.825	27.847	37.043	45.804	2986.	B1
3185	2.326	2.066	34.843	5.42	59.9	1.73	25.50	0.00	27.841	27.862	37.084	45.869	3236.	
3440	1.699	1.428	34.765	4.87	88.0	2.01	29.50	0.00	27.828	27.848	37.107	45.926	3496.	B1
3665	1.378	1.091	34.724	4.86	105.0	2.17	31.50	0.00	27.819	27.839	37.117	45.955	3727.	
3924	1.115	0.807	34.714	4.90	110.2	2.20	32.00	0.00	27.829	27.849	37.145	45.997	3993.	
4425	0.562	0.215	34.686	5.03	121.3	2.29	33.00	0.00	27.842	27.862	37.192	46.077	4507.	
4914	0.297	-0.098	34.697	5.21	111.0	2.20	31.90	0.00	27.866	27.887	37.236	46.138	5012.	B14
5622	0.279	-0.203	34.672	5.17	124.4	2.31	33.10	0.00	27.847	27.872	37.227	46.136	5743.	

SHIP AT CRUISE 107 STATION 36
START 42 66 S 52 58.85 W AT 1707 79/12/20
WIND = 7M/S COR. DEPTH = 5565M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.680	17.680	34.772	5.98	25.193	25.193	29.517	33.739	37.864	41.897	278.2	0.000	0.000	-0
10	17.174	17.172	34.919	6.05	25.428	25.428	29.760	33.989	38.122	42.162	256.1	.027	8.570	10.1
20	17.035	17.032	34.980	6.03	25.507	25.508	29.842	34.073	38.207	42.249	248.9	.052	5.005	20.1
30	16.326	16.322	34.839	5.93	25.566	25.567	29.914	34.158	38.305	42.358	243.6	.077	4.310	30.2
40	16.537	16.530	34.971	5.83	25.618	25.619	29.961	34.201	38.344	42.393	239.0	.101	4.045	40.2
50	16.607	16.599	35.105	5.74	25.704	25.706	30.046	34.284	38.425	42.472	231.1	.124	5.223	50.3
60	15.934	15.924	35.170	5.72	25.910	25.912	30.264	34.513	38.664	42.722	211.8	.146	8.058	60.4
70	15.171	15.161	35.299	5.45	26.181	26.183	30.548	34.809	38.972	43.042	186.4	.166	9.233	70.4
80	15.359	15.347	35.492	5.16	26.287	26.290	30.650	34.907	39.066	43.131	176.6	.184	5.779	80.5
90	15.062	15.048	35.489	5.20	26.352	26.355	30.720	34.982	39.146	43.216	170.8	.202	4.515	90.5
100	15.355	15.339	35.620	5.28	26.387	26.391	30.750	35.006	39.164	43.229	167.8	.219	3.341	100.6
120	15.383	15.365	35.657	5.45	26.409	26.413	30.771	35.027	39.184	43.248	166.4	.252	1.856	120.8
140	15.164	15.142	35.654	5.38	26.436	26.461	30.823	35.083	39.244	43.311	162.4	.285	2.760	140.9
160	14.924	14.900	35.653	5.34	26.508	26.514	30.880	35.144	39.309	43.381	158.1	.317	2.888	161.0
180	14.580	14.553	35.608	5.27	26.549	26.555	30.929	35.199	39.370	43.448	154.7	.348	2.578	181.2
200	14.193	14.163	35.535	5.24	26.576	26.582	30.964	35.242	39.420	43.504	152.6	.379	2.136	201.3
220	12.996	12.966	35.269	5.29	26.619	26.625	31.031	35.333	39.535	43.641	148.7	.409	2.730	221.5
240	11.547	11.516	34.966	5.24	26.666	26.672	31.110	35.441	39.672	43.807	144.1	.439	2.915	241.6
260	10.617	10.586	34.842	5.27	26.740	26.745	31.203	35.555	39.804	43.957	137.2	.467	3.505	261.8
280	9.923	9.891	34.730	5.26	26.773	26.778	31.252	35.619	39.883	44.050	134.2	.494	2.425	281.9
300	8.986	8.953	34.596	5.35	26.824	26.829	31.325	35.712	39.977	44.183	129.3	.520	2.978	302.1
320	8.101	8.068	34.475	5.49	26.867	26.872	31.389	35.797	40.101	44.306	125.0	.546	2.789	322.3
340	7.575	7.542	34.414	5.58	26.896	26.901	31.431	35.851	40.167	44.384	122.2	.570	2.287	342.4
360	7.008	6.974	34.346	5.61	26.923	26.928	31.472	35.906	40.235	44.464	119.5	.594	2.234	362.6
380	6.372	6.338	34.293	5.71	26.967	26.972	31.532	35.981	40.325	44.568	115.1	.618	2.792	382.8
400	5.238	5.206	34.145	6.07	26.992	26.996	31.585	36.063	40.434	44.704	112.0	.641	2.361	402.9
450	4.690	4.655	34.160	6.60	27.066	27.070	31.674	36.165	40.550	44.832	105.0	.695	2.244	453.4
500	4.625	4.587	34.172	6.58	27.083	27.088	31.693	36.186	40.572	44.856	103.9	.747	1.067	503.9
550	4.463	4.421	34.173	6.63	27.102	27.106	31.716	36.213	40.603	44.891	102.4	.799	1.146	554.3
600	4.307	4.262	34.166	6.68	27.113	27.117	31.731	36.233	40.627	44.918	101.6	.850	.926	604.8
650	4.273	4.224	34.183	6.68	27.130	27.135	31.750	36.252	40.647	44.939	100.4	.900	1.074	655.3
700	3.987	3.935	34.164	6.61	27.145	27.150	31.772	36.283	40.684	44.984	99.0	.950	1.119	705.8
750	3.891	3.837	34.171	6.48	27.160	27.166	31.791	36.303	40.708	45.009	97.8	.999	1.048	756.4
800	3.822	3.763	34.183	6.37	27.177	27.183	31.810	36.324	40.730	45.033	96.5	1.048	1.075	806.9
900	3.732	3.666	34.235	5.70	27.227	27.234	31.863	36.379	40.787	45.093	92.5	1.142	1.211	908.0
1000	3.393	3.322	34.262	5.47	27.282	27.288	31.927	36.452	40.868	45.182	87.3	1.232	1.381	1009.2
1100	3.045	2.969	34.283	5.29	27.331	27.338	31.986	36.520	40.945	45.267	82.5	1.317	1.322	1110.4
1200	2.821	2.738	34.312	5.01	27.374	27.381	32.035	36.575	41.006	45.333	78.5	1.397	1.157	1211.7
1300	2.851	2.760	34.369	4.73	27.417	27.425	32.078	36.617	41.047	45.373	75.2	1.474	1.094	1313.0
1400	2.800	2.702	34.424	4.47	27.465	27.474	32.128	36.668	41.099	45.426	71.2	1.547	1.239	1414.4
1493	2.960	2.852	34.506	4.35	27.516	27.526	32.175	36.711	41.137	45.460	67.6	1.612	1.190	1509.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	17.778	17.778	34.772	5.61	1.7	0.23	0.10	0.00	25.169	25.169	33.712	41.867	0.	B1
25	17.051	17.047	34.900	5.68	1.3	0.26	0.10	0.02	25.442	25.443	34.009	42.185	26.	
47	16.418	16.411	34.898	5.50	1.9	0.34	0.80	0.16	25.590	25.591	34.179	42.375	48.	B1
99	15.119	15.103	34.418	4.96	3.1	0.59	6.10	0.03	25.515	25.518	34.158	42.403	100.	B1
145	15.157	15.134	35.672	5.27	2.5	0.45	4.50	0.02	26.471	26.476	35.098	43.327	147.	
196	12.676	12.650	35.147	4.95	3.8	0.88	10.80	0.02	26.589	26.594	35.316	43.637	198.	
388	9.162	9.130	34.627	5.38	5.9	1.28	17.60	0.00	26.819	26.825	35.700	44.163	291.	
394	5.014	4.983	34.130	6.75	6.0	1.64	21.50	0.24	27.006	27.010	36.088	44.740	398.	
491	4.584	4.547	34.175	6.67	9.6	1.65	23.70	0.05	27.090	27.094	36.195	44.866	496.	
637	4.220	4.172	34.173	6.69	12.7	1.74	25.20	0.00	27.128	27.133	36.252	44.942	644.	
787	3.957	3.899	34.205	6.04	19.0	1.90	27.70	0.00	27.180	27.186	36.320	45.022	795.	
891	3.681	3.616	34.235	5.65	25.1	2.03	29.60	0.00	27.232	27.238	36.386	45.102	900.	
982	3.403	3.332	34.254	5.45	30.2	2.12	31.00	0.00	27.274	27.281	36.444	45.173	993.	
1085	3.027	2.951	34.276	5.30	37.0	2.19	32.10	0.00	27.327	27.334	36.517	45.265	1097.	
1281	2.803	2.714	34.354	4.80	49.5	2.33	33.60	0.00	27.409	27.417	36.612	45.371	1295.	
1481	2.942	2.835	34.497	4.35	56.4	2.32	33.80	0.00	27.511	27.520	36.706	45.457	1499.	

SHIP AT CRUISE 107 STATION 37
START 42 27 S 53 30.24 W AT 2035 79/12/20
WIND = 21M/S COR. DEPTH = 5510M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.808	16.808	31.019	5.00	22.531	22.531	26.894	31.155	35.317	39.386	532.1	0.000	0.000	-0
10	18.191	18.190	34.876	5.73	25.147	25.148	29.462	33.676	37.792	41.817	282.8	0.041	28.572	10.1
20	14.985	14.982	34.523	6.29	25.626	25.626	29.999	34.269	38.440	42.517	237.6	0.067	12.275	20.1
30	12.167	12.163	34.081	6.48	25.863	25.864	30.294	34.619	38.844	42.973	215.2	0.089	8.656	30.2
40	10.206	10.201	33.966	6.66	26.129	26.130	30.603	34.968	39.232	43.398	190.1	0.110	9.166	40.2
50	15.303	15.295	35.664	5.45	26.433	26.434	30.794	35.051	39.209	43.274	161.9	0.127	9.698	50.3
60	15.289	15.280	35.683	5.50	26.450	26.452	30.812	35.069	39.227	43.293	160.6	0.143	2.365	60.4
70	15.039	15.029	35.672	5.41	26.498	26.500	30.864	35.125	39.289	43.358	156.3	0.159	3.885	70.4
80	14.834	14.822	35.657	5.36	26.531	26.534	30.902	35.167	39.333	43.406	153.5	0.175	3.258	80.5
90	14.728	14.714	35.650	5.33	26.549	26.552	30.922	35.189	39.358	43.432	152.1	0.190	2.397	90.6
100	14.536	14.521	35.641	5.32	26.584	26.587	30.961	35.232	39.403	43.481	149.0	0.205	3.342	100.6
120	14.458	14.440	35.660	5.35	26.616	26.620	30.995	35.267	39.440	43.519	146.6	0.235	2.263	120.8
140	14.401	14.380	35.669	5.42	26.634	26.639	31.015	35.288	39.462	43.542	145.4	0.264	1.744	140.9
160	14.395	14.371	35.672	5.47	26.638	26.644	31.020	35.293	39.467	43.547	145.6	0.293	8.52	161.1
180	14.358	14.332	35.664	5.48	26.640	26.646	31.023	35.296	39.471	43.552	146.1	0.322	5.78	181.2
200	14.324	14.294	35.654	5.51	26.640	26.646	31.024	35.299	39.474	43.556	146.6	0.351	3.85	201.4
220	14.329	14.297	35.656	5.54	26.640	26.647	31.025	35.299	39.475	43.556	147.2	0.381	3.07	221.5
240	14.329	14.293	35.654	5.55	26.639	26.646	31.025	35.299	39.475	43.556	147.9	0.410	2.69	241.7
260	13.344	13.307	35.444	5.60	26.684	26.691	31.090	35.384	39.578	43.678	143.8	0.439	2.795	261.8
280	11.750	11.714	35.127	5.50	26.753	26.760	31.192	35.519	39.745	43.875	137.0	0.468	3.493	282.0
300	9.779	9.744	34.774	5.50	26.832	26.838	31.315	35.684	39.951	44.121	128.9	0.494	3.774	302.1
320	8.915	8.880	34.644	5.44	26.873	26.878	31.375	35.764	40.050	44.237	125.0	0.520	2.699	322.3
340	7.529	7.496	34.445	5.59	26.927	26.932	31.463	35.884	40.201	44.418	119.2	0.544	3.193	342.4
360	6.873	6.840	34.352	5.70	26.947	26.952	31.499	35.936	40.268	44.500	117.2	0.568	1.989	362.6
380	6.207	6.173	34.279	5.86	26.978	26.983	31.547	36.000	40.348	44.595	113.9	0.591	2.415	382.8
400	5.706	5.672	34.223	5.99	26.997	27.001	31.578	36.044	40.404	44.662	112.0	0.613	1.928	403.0
450	4.845	4.810	34.149	6.31	27.040	27.044	31.644	36.132	40.512	44.791	107.6	0.668	1.815	453.4
500	4.679	4.641	34.151	6.39	27.061	27.065	31.669	36.161	40.546	44.829	106.0	0.722	1.198	503.9
550	4.576	4.534	34.157	6.43	27.077	27.081	31.688	36.183	40.570	44.855	104.9	0.774	1.052	554.4
600	4.536	4.490	34.167	6.43	27.089	27.094	31.702	36.197	40.586	44.872	104.2	0.827	9.07	604.6
650	4.492	4.442	34.174	6.41	27.099	27.104	31.713	36.210	40.600	44.887	103.7	0.879	8.42	655.3
700	4.385	4.331	34.174	6.43	27.111	27.117	31.729	36.228	40.621	44.910	102.8	0.930	9.51	705.9
750	4.278	4.221	34.180	6.40	27.127	27.133	31.748	36.250	40.645	44.937	101.6	0.981	1.070	756.4
800	3.984	3.924	34.169	6.47	27.149	27.155	31.778	36.288	40.690	44.990	99.4	1.032	1.328	806.9
900	3.842	3.775	34.223	6.03	27.206	27.213	31.839	36.353	40.759	45.061	94.6	1.129	1.359	908.0
1000	3.466	3.394	34.247	5.63	27.263	27.270	31.906	36.429	40.844	45.156	89.3	1.220	1.327	1009.2
1100	3.004	2.928	34.269	5.34	27.324	27.330	31.979	36.515	40.941	45.264	83.1	1.307	1.610	1110.4
1200	2.965	2.882	34.347	4.85	27.390	27.397	32.047	36.582	41.010	45.333	77.5	1.387	1.469	1211.7
1300	2.874	2.783	34.399	4.53	27.439	27.447	32.099	36.637	41.066	45.391	73.3	1.462	1.226	1313.0
1400	2.700	2.603	34.428	4.38	27.477	27.486	32.142	36.685	41.119	45.449	69.7	1.534	1.227	1414.4
1500	2.760	2.653	34.479	4.19	27.513	27.522	32.177	36.718	41.150	45.478	67.2	1.602	9.82	1515.8
1600	3.063	2.945	34.584	4.19	27.569	27.580	32.226	36.758	41.182	45.502	63.8	1.668	1.033	1617.3
1700	2.760	2.636	34.586	4.08	27.598	27.609	32.263	36.804	41.236	45.563	60.5	1.730	1.227	1718.8
1800	3.050	2.913	34.682	4.24	27.649	27.661	32.307	36.840	41.263	45.583	57.8	1.789	1.013	1820.4
1900	3.362	3.212	34.781	4.64	27.697	27.712	32.349	36.872	41.288	45.600	55.4	1.845	1.028	1922.0
2000	3.404	3.243	34.827	4.93	27.730	27.745	32.381	36.904	41.318	45.629	53.4	1.900	9.74	2023.7
2100	3.410	3.239	34.856	5.14	27.753	27.769	32.405	36.927	41.341	45.652	52.1	1.952	8.68	2125.5
2200	3.249	3.072	34.851	5.15	27.764	27.781	32.421	36.948	41.367	45.681	50.9	2.004	8.72	2227.2
2300	3.297	3.108	34.884	5.39	27.786	27.804	32.443	36.968	41.386	45.700	49.9	2.054	7.49	2329.1
2400	3.254	3.056	34.896	5.56	27.799	27.818	32.458	36.985	41.404	45.719	49.1	2.104	7.28	2430.9
2500	3.270	3.062	34.915	5.71	27.813	27.833	32.473	37.000	41.418	45.732	48.7	2.153	7.05	2532.9
2600	3.182	2.965	34.915	5.90	27.822	27.842	32.485	37.014	41.434	45.751	48.1	2.201	6.99	2634.8
2700	3.114	2.889	34.918	5.85	27.831	27.852	32.496	37.028	41.450	45.769	47.5	2.249	7.06	2736.9
2800	2.602	2.377	34.836	5.55	27.811	27.831	32.490	37.036	41.472	45.804	46.5	2.296	7.59	2838.9
2900	2.768	2.529	34.891	5.58	27.841	27.862	32.517	37.058	41.490	45.818	45.5	2.342	7.48	2941.1
3000	2.507	2.263	34.856	5.60	27.836	27.857	32.519	37.067	41.507	45.841	44.7	2.387	7.52	3043.3
3200	2.041	1.787	34.796	5.20	27.827	27.847	32.523	37.085	41.537	45.885	43.0	2.475	6.76	3247.7
3400	1.651	1.386	34.757	5.03	27.825	27.845	32.533	37.106	41.570	45.927	40.7	2.559	5.83	3452.4
3600	1.406	1.126	34.742	4.82	27.832	27.851	32.547	37.127	41.598	45.963	38.6	2.638	7.12	3657.3
3800	1.193	897	34.728	4.84	27.835	27.855	32.557	37.145	41.621	45.992	36.9	2.713	5.78	3862.3
4000	970	658	34.715	4.82	27.839	27.859	32.569	37.163	41.646	46.023	34.8	2.785	5.70	4067.6
4200	740	414	34.703	4.89	27.845	27.865	32.581	37.183	41.673	46.057	32.3	2.852	7.23	4273.0
4400	533	190	34.694	4.97	27.850	27.869	32.593	37.201	41.697	46.097	29.9	2.914	7.24	4478.6
4600	394	033	34.686	5.03	27.852	27.872	32.600	37.212	41.713	46.108	28.3	2.972	5.47	4684.5
4800	307	074	34.682	5.09	27.853	27.874	32.605	37.221	41.725	46.122	27.2	3.027	4.09	4890.5
5000	258	145	34.678	5.11	27.853	27.875	32.608	37.226	41.732	46.131	26.6	3.081	3.93	5096.6
5200	246	181	34.678	5.20	27.854	27.876	32.611	37.230	41.737	46.137	26.5	3.134	3.68	5303.0
5400	245	207	34.676	5.20	27.852	27.876	32.611	37.231	41.739	46.139	26.6	3.188	2.49	5509.6
5504	256	209	34.675	5.13	27.851	27.875	32.611	37.230	41.738	46.139	26.9	3.215	5.43	5617.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	18.050	18.050	34.853	5.52	2.0	0.18	0.00	0.00	25.164	25.164	33.697	41.843	1.	
48	12.313	12.306	34.469	4.86	4.2	0.98	10.20	0.40	26.135	26.136	34.891	43.224	49.	
99	13.834	13.819	35.340	5.33	3.2	0.64	7.30	0.07	26.502	26.505	35.179	43.456	100.	
189	14.117	14.089	35.593	5.44	3.2	0.57	6.40	0.02	26.637	26.643	35.304	43.569	191.	
292	9.290	9.257	34.719	5.42	6.6	1.23	17.00	0.02	26.870	26.876	35.744	44.201	295.	
473	4.665	4.628	34.161	6.61	10.5	1.65	23.40	0.01	27.070	27.074	36.170	44.839	478.	
688	4.369			6.51	13.4	1.73	24.60	0.00					695.	
888	3.836	3.770	34.215	6.01	22.0	1.94	28.20	0.01	27.201	27.207	36.348	45.056	897.	
984	3.494	3.423	34.261	5.56	28.6	2.04	30.00	0.00	27.271	27.278	36.436	45.161	994.	B1
1177	3.049	2.966	34.341	4.92	43.0	2.22	32.50	0.00	27.377	27.384	36.565	45.312	1191.	B1
1380	2.810	2.713	34.416	4.52	55.6	2.32	33.80	0.00	27.458	27.467	36.660	45.418	1396.	
1579	3.052	2.935	34.573	4.36	55.5	2.20	32.30	0.01	27.561	27.572	36.751	45.495	1598.	
1762	2.974	2.842	34.661	4.35	59.3	2.14	31.50	0.00	27.639	27.651	36.833	45.581	1784.	
1967	3.343	3.187	34.799	4.83	44.3	1.84	27.20	0.00	27.714	27.729	36.891	45.619	1992.	
2168	3.330	3.154	34.861	5.11	40.5	1.70	25.20	0.01	27.765	27.781	36.944	45.673	2197.	B4
2459	3.243	3.039	34.903	5.45	35.4	1.53	22.70	0.00	27.806	27.826	36.994	45.727	2494.	B489
2952	2.701	2.457	34.888	5.43	46.9	1.59	23.50	0.01	27.844	27.866	37.065	45.829	2997.	
3195	2.111	1.855	34.797	4.94	77.5	1.93	28.20	0.00	27.822	27.842	37.076	45.872	3246.	
3442	1.800	1.526	34.789	4.98	85.6	1.95	28.60	0.00	27.840	27.860	37.113	45.927	3499.	
3688	1.348	1.060	34.734	4.78	106.6	2.16	31.50	0.01	27.829	27.849	37.129	45.968	3751.	
3935	1.028	0.721	34.717	4.87	115.2	2.22	32.30	0.00	27.837	27.857	37.157	46.014	4004.	
4426	0.494	0.149	34.693	5.03	123.8	2.29	32.80	0.00	27.852	27.871	37.205	46.094	4509.	
4916	0.275	-0.119	34.691	5.14	114.6	2.22	32.00	0.00	27.862	27.883	37.233	46.137	5014.	B145
5496	0.257	-0.208	34.681	5.15	127.0	2.31	33.20	0.01	27.855	27.880	37.235	46.144	5612.	

SHIP AT CRUISE 107 STATION 38
START 42 2.10 S 54 2.85 W AT 210 79/12/21
WIND = 12M/S COR. DEPTH = 5640M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR	
0	17.123	17.123	34.237	6.02	24.918	24.918	29.255	33.489	37.627	41.671	304.4	0.000	0.000	-	0
10	17.136	17.135	34.233	6.12	24.912	24.912	29.249	33.483	37.620	41.665	305.2	.030	-1.313	10.1	
20	14.063	14.060	34.139	6.60	25.527	25.528	29.921	34.209	38.399	42.494	246.9	.058	13.913	20.1	
30	10.933	10.930	33.965	7.27	26.001	26.002	30.459	34.809	39.058	43.210	202.1	.081	12.214	30.2	
40	9.137	9.132	33.888	6.88	26.246	26.247	30.744	35.133	39.418	43.606	178.9	.100	8.797	40.2	
50	9.498	9.492	34.206	6.36	26.435	26.436	30.923	35.302	39.578	43.756	161.2	.117	7.701	50.3	
60	9.370	9.364	34.322	5.93	26.547	26.548	31.037	35.418	39.696	43.875	150.8	.132	5.931	60.4	
70	9.462	9.455	34.487	5.60	26.661	26.662	31.147	35.525	39.800	43.977	140.2	.147	5.970	70.4	
80	9.512	9.503	34.516	5.49	26.675	26.676	31.160	35.537	39.810	43.987	139.1	.161	2.109	80.5	
90	9.588	9.578	34.537	5.42	26.679	26.681	31.163	35.538	39.810	43.984	138.9	.175	1.156	90.6	
100	9.861	9.850	34.631	5.27	26.707	26.709	31.184	35.552	39.818	43.987	136.6	.188	2.920	100.6	
120	9.429	9.415	34.605	5.42	26.759	26.761	31.246	35.624	39.899	44.076	132.0	.215	2.888	120.8	
140	10.124	10.108	34.793	4.94	26.788	26.791	31.259	35.621	39.881	44.043	129.8	.241	2.083	140.9	
160	8.572	8.555	34.549	5.26	26.853	26.855	31.361	35.757	40.050	44.245	123.6	.267	3.312	161.1	
180	8.727	8.708	34.637	5.12	26.897	26.900	31.401	35.793	40.083	44.274	119.9	.291	2.621	181.2	
200	8.504	8.483	34.635	4.80	26.930	26.934	31.440	35.837	40.132	44.327	117.0	.315	2.333	201.4	
220	7.937	7.915	34.569	4.77	26.965	26.968	31.488	35.899	40.203	44.413	113.9	.338	2.415	221.5	
240	7.769	7.745	34.550	4.76	26.975	26.979	31.502	35.917	40.228	44.439	113.2	.361	1.343	241.7	
260	7.172	7.147	34.475	4.86	27.002	27.005	31.544	35.973	40.298	44.522	110.6	.383	2.189	261.9	
280	6.733	6.707	34.417	4.99	27.017	27.021	31.570	36.010	40.345	44.579	109.2	.405	1.695	282.0	
300	6.412	6.385	34.394	5.10	27.041	27.045	31.603	36.050	40.392	44.634	107.0	.427	2.042	302.2	
320	6.009	5.981	34.346	5.19	27.056	27.060	31.628	36.085	40.437	44.688	105.6	.448	1.679	322.4	
340	5.200	5.173	34.238	5.58	27.070	27.073	31.662	36.140	40.512	44.782	104.0	.469	1.774	342.5	
360	5.163	5.134	34.245	5.73	27.080	27.083	31.674	36.153	40.525	44.796	103.2	.490	1.299	362.7	
380	5.087	5.057	34.244	5.83	27.088	27.092	31.684	36.165	40.539	44.812	102.6	.510	1.194	382.9	
400	4.937	4.905	34.235	5.80	27.098	27.101	31.698	36.182	40.560	44.836	101.8	.531	1.318	403.0	
450	4.409	4.376	34.183	6.13	27.116	27.119	31.730	36.229	40.620	44.908	100.1	.581	1.233	453.5	
500	4.631	4.592	34.241	5.76	27.137	27.142	31.746	36.239	40.624	44.907	98.8	.631	1.099	504.0	
550	4.455	4.413	34.248	5.61	27.162	27.167	31.776	36.273	40.663	44.950	96.7	.680	1.315	554.5	
600	4.051	4.007	34.222	5.67	27.184	27.189	31.809	36.316	40.716	45.013	94.6	.727	1.329	604.9	
650	3.795	3.748	34.207	5.85	27.198	27.203	31.830	36.345	40.751	45.054	93.2	.774	1.088	655.4	
700	3.840	3.790	34.248	5.62	27.226	27.231	31.857	36.370	40.775	45.077	91.1	.820	1.301	706.0	
750	3.561	3.508	34.241	5.55	27.248	27.254	31.887	36.407	40.820	45.128	89.0	.866	1.322	756.5	
800	3.379	3.324	34.249	5.51	27.273	27.278	31.916	36.441	40.858	45.172	86.7	.909	1.330	807.0	
900	2.979	2.918	34.254	5.34	27.314	27.319	31.968	36.504	40.931	45.254	82.7	.994	1.358	908.2	
1000	2.855	2.788	34.290	5.20	27.354	27.360	32.012	36.551	40.981	45.307	79.3	1.075	1.167	1009.3	
1100	3.025	2.949	34.382	4.84	27.411	27.418	32.066	36.600	41.025	45.346	75.0	1.153	1.426	1110.5	
1200	3.013	2.928	34.469	4.57	27.482	27.489	32.136	36.670	41.095	45.417	69.1	1.225	1.604	1211.8	
1300	2.717	2.628	34.483	4.43	27.520	27.528	32.183	36.725	41.158	45.486	65.2	1.292	1.165	1313.2	
1400	2.561	2.465	34.510	4.33	27.555	27.563	32.223	36.768	41.205	45.537	62.1	1.356	1.132	1414.5	
1488	2.751	2.645	34.575	4.32	27.590	27.599	32.254	36.794	41.225	45.553	60.0	1.410	1.109	1504.0	

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	17.176	17.176	34.271	5.74	1.8	0.24	0.00	0.00	24.931	24.931	33.500	41.680	0.	
7	17.159	17.158	34.266						24.931	24.932	33.502	41.682	8.	
24	12.992	12.989	34.092	6.75	1.2	0.25	0.40	0.05	25.710	25.711	34.434	42.756	24.	B4
53	9.902	9.896	34.343	5.65	3.1	0.97	12.30	0.28	26.475	26.476	35.322	43.758	54.	
92	9.548	9.537	34.531	5.43	3.9	1.23	15.70	0.37	26.681	26.683	35.541	43.990	93.	
141	9.668	9.652	34.715	5.09	6.4	1.25	17.00	0.04	26.805	26.807	35.658	44.099	143.	
187	8.746	8.726	34.642	4.99	8.4	1.40	19.70	0.01	26.898	26.901	35.794	44.273	189.	
289	6.678	6.651	34.418	5.33	11.6	1.63	23.60	0.00	27.025	27.029	36.021	44.592	292.	
388	4.986	4.956	34.245	6.03	13.1	1.74	25.00	0.00	27.100	27.104	36.182	44.834	392.	
488	4.762	4.724	34.266	5.80	16.2	1.81	26.20	0.00	27.142	27.147	36.237	44.899	493.	
633	3.835	3.790	34.209	6.00	20.8	1.92	27.90	0.00	27.196	27.201	36.340	45.048	639.	
782	3.498	3.443	34.258	5.40	30.0	2.07	30.40	0.00	27.268	27.274	36.430	45.155	790.	
885	3.002	2.942	34.255	5.38	36.9	2.16	31.30	0.00	27.313	27.318	36.502	45.251	895.	
981	2.865	2.799	34.258	5.18	42.5	2.22	32.50	0.00	27.327	27.333	36.524	45.281	992.	B1
1080	2.963	2.888	34.357	4.81	47.2	2.29	33.10	0.00	27.397	27.404	36.589	45.339	1092.	
1276	2.770	2.681	34.484	4.32	60.4	2.34	34.10	0.00	27.516	27.524	36.718	45.476	1291.	
1487	2.750	2.645	34.577	4.20	65.6	2.30	33.50	0.00	27.592	27.601	36.796	45.555	1505.	

SHIP AT CRUISE 107 STATION 39
START 42 2.09 S 54 27.95 W AT 515 79/12/21
WIND = 14M/S COR. DEPTH = 5237M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.028	13.028	34.003	6.69	25.634	25.634	30.047	34.357	38.566	42.679	236.3	0.000	0.000	- 0
10	12.827	12.825	34.032	7.28	25.697	25.697	30.114	34.427	38.640	42.757	230.6	0.023	4.436	10.1
20	9.792	9.790	34.064	7.94	26.276	26.276	30.757	35.131	39.402	43.575	175.7	0.044	13.492	20.1
30	8.270	8.267	34.117	7.95	26.560	26.561	31.076	35.482	39.785	43.988	148.9	0.060	9.466	30.2
40	7.181	7.178	34.133	7.99	26.732	26.732	31.273	35.704	40.030	44.256	132.7	0.074	7.345	40.3
50	6.399	6.394	34.114	7.77	26.823	26.823	31.383	35.832	40.176	44.420	124.2	0.087	5.369	50.3
60	5.838	5.833	34.110	7.61	26.892	26.892	31.466	35.929	40.286	44.542	117.7	0.099	4.684	60.4
70	5.715	5.709	34.130	7.38	26.923	26.923	31.500	35.966	40.326	44.584	114.9	0.111	3.127	70.5
80	5.631	5.625	34.140	7.25	26.940	26.941	31.520	35.988	40.349	44.609	113.3	0.122	2.363	80.5
90	5.423	5.416	34.137	7.01	26.963	26.964	31.548	36.021	40.388	44.653	111.2	0.133	2.720	90.6
100	5.445	5.437	34.175	6.98	26.991	26.992	31.575	36.047	40.413	44.677	108.7	0.144	2.944	100.7
120	5.195	5.185	34.170	6.79	27.016	27.017	31.607	36.085	40.457	44.727	106.5	0.166	2.030	120.8
140	5.078	5.067	34.193	6.65	27.048	27.050	31.642	36.123	40.498	44.770	103.6	0.187	2.259	141.0
160	5.114	5.102	34.218	6.49	27.064	27.065	31.657	36.137	40.510	44.782	102.4	0.207	1.551	161.1
180	4.986	4.972	34.212	6.43	27.074	27.076	31.671	36.154	40.530	44.805	101.6	0.228	1.315	181.3
200	4.880	4.865	34.216	6.42	27.089	27.091	31.688	36.175	40.554	44.831	100.4	0.248	1.576	201.5
220	4.751	4.735	34.208	6.39	27.097	27.099	31.700	36.189	40.571	44.852	99.8	0.268	1.176	221.6
240	4.553	4.536	34.191	6.43	27.106	27.108	31.714	36.209	40.596	44.881	99.1	0.288	1.248	241.8
260	4.487	4.467	34.190	6.47	27.113	27.115	31.723	36.219	40.608	44.894	98.6	0.308	1.086	261.9
280	4.261	4.240	34.171	6.53	27.122	27.124	31.738	36.240	40.635	44.927	97.8	0.327	1.293	282.1
300	4.191	4.169	34.169	6.61	27.128	27.130	31.746	36.250	40.646	44.940	97.3	0.347	1.005	302.3
320	4.139	4.116	34.167	6.55	27.131	27.134	31.751	36.257	40.654	44.949	97.1	0.366	831	322.4
340	4.061	4.036	34.166	6.56	27.139	27.141	31.761	36.268	40.668	44.965	96.5	0.386	1.136	342.6
360	3.986	3.960	34.163	6.55	27.144	27.146	31.768	36.278	40.679	44.978	96.2	0.405	954	362.8
380	3.893	3.867	34.161	6.54	27.152	27.155	31.779	36.291	40.694	44.996	95.5	0.424	1.203	382.9
400	3.826	3.798	34.160	6.49	27.158	27.161	31.787	36.300	40.706	45.008	95.0	0.443	1.036	403.1
450	3.575	3.544	34.153	6.41	27.177	27.180	31.813	36.334	40.745	45.054	93.3	0.490	1.186	453.6
500	3.350	3.317	34.163	6.22	27.207	27.210	31.849	36.375	40.793	45.107	90.7	0.536	1.425	504.1
550	3.105	3.069	34.164	6.14	27.231	27.234	31.880	36.412	40.837	45.156	88.4	0.581	1.317	554.6
600	3.128	3.089	34.205	5.88	27.261	27.265	31.910	36.442	40.864	45.184	86.0	0.625	1.374	605.1
650	2.870	2.829	34.206	5.74	27.285	27.289	31.941	36.480	40.909	45.235	83.6	0.667	1.341	655.5
700	2.708	2.664	34.225	5.60	27.315	27.319	31.975	36.518	40.952	45.282	80.9	0.708	1.429	706.1
750	2.844	2.795	34.280	5.32	27.347	27.351	32.003	36.542	40.972	45.298	78.4	0.748	1.355	756.6
800	2.822	2.770	34.310	5.10	27.372	27.377	32.030	36.569	41.000	45.326	76.3	0.787	1.278	807.2
900	2.758	2.699	34.368	4.72	27.424	27.430	32.084	36.625	41.056	45.384	71.9	0.861	1.381	908.3
1000	2.618	2.553	34.423	4.44	27.481	27.486	32.144	36.688	41.123	45.455	66.9	0.930	1.442	1009.5
1100	2.578	2.505	34.484	4.19	27.533	27.539	32.198	36.743	41.178	45.510	62.5	0.995	1.291	1110.7
1200	2.504	2.424	34.528	4.09	27.574	27.581	32.242	36.789	41.226	45.560	59.0	1.056	1.259	1212.0
1300	2.477	2.390	34.564	4.03	27.605	27.612	32.274	36.821	41.259	45.593	56.6	1.114	897	1313.3
1400	2.396	2.302	34.585	4.02	27.629	27.637	32.300	36.850	41.291	45.626	54.6	1.169	888	1414.7
1500	2.367	2.265	34.602	4.03	27.644	27.653	32.317	36.868	41.309	45.646	53.6	1.223	653	1516.2
1600	2.345	2.235	34.628	4.08	27.668	27.677	32.342	36.893	41.335	45.672	51.9	1.276	958	1617.7
1700	2.543	2.422	34.692	4.28	27.702	27.712	32.371	36.917	41.353	45.685	50.1	1.327	938	1719.2
1800	2.053	1.916	34.806	4.64	27.747	27.760	32.405	36.936	41.359	45.678	48.8	1.377	853	1820.8
1900	2.972	2.827	34.815	5.01	27.762	27.775	32.422	36.956	41.381	45.702	47.7	1.425	646	1922.5
2000	3.007	2.852	34.843	4.93	27.781	27.795	32.441	36.974	41.399	45.719	46.8	1.472	713	2024.2
2100	2.603	2.446	34.787	5.00	27.772	27.786	32.444	36.987	41.423	45.753	46.2	1.518	718	2125.9
2200	2.324	2.162	34.754	4.66	27.770	27.783	32.450	37.002	41.445	45.782	45.4	1.564	595	2227.7
2300	2.501	2.327	34.799	4.77	27.791	27.805	32.467	37.014	41.452	45.786	45.1	1.609	614	2329.5
2400	2.821	2.632	34.876	5.39	27.824	27.841	32.493	37.031	41.461	45.786	44.4	1.654	651	2431.4
2500	2.709	2.511	34.867	5.47	27.827	27.844	32.500	37.041	41.474	45.803	44.1	1.698	593	2533.3
2600	2.589	2.384	34.839	5.47	27.831	27.848	32.507	37.052	41.489	45.820	43.6	1.742	709	2635.3
2700	2.243	2.035	34.806	5.37	27.818	27.835	32.505	37.060	41.505	45.846	43.0	1.786	713	2737.4
2800	2.193	1.976	34.815	5.20	27.829	27.847	32.517	37.074	41.521	45.863	42.1	1.828	704	2839.4
2900	1.983	1.761	34.789	5.06	27.825	27.843	32.520	37.083	41.536	45.883	41.4	1.870	669	2941.6
3000	1.834	1.605	34.776	5.00	27.827	27.845	32.526	37.093	41.551	45.903	40.6	1.911	701	3043.7
3200	1.521	1.279	34.755	4.92	27.833	27.851	32.542	37.118	41.585	45.945	38.3	1.990	743	3248.2
3400	1.230	0.975	34.728	4.79	27.833	27.850	32.550	37.135	41.610	45.979	36.5	2.065	631	3452.9
3600	1.015	0.745	34.714	4.81	27.836	27.853	32.560	37.152	41.633	46.008	34.8	2.136	613	3657.8
3800	0.777	0.493	34.701	4.89	27.841	27.858	32.573	37.172	41.660	46.042	32.5	2.204	704	3862.8
4000	0.584	0.284	34.693	4.96	27.846	27.863	32.584	37.189	41.683	46.071	30.4	2.267	694	4068.1
4200	0.410	0.093	34.683	5.02	27.848	27.866	32.593	37.203	41.703	46.095	28.6	2.325	595	4273.5
4400	0.296	0.039	34.677	5.09	27.850	27.868	32.598	37.213	41.717	46.113	27.3	2.381	479	4479.2
4600	0.231	0.124	34.673	5.16	27.850	27.869	32.602	37.220	41.725	46.124	26.5	2.435	311	4685.0
4800	0.211	0.167	34.672	5.17	27.851	27.871	32.605	37.224	41.730	46.130	26.3	2.488	348	4891.0
5000	0.207	0.194	34.670	5.18	27.850	27.871	32.606	37.225	41.733	46.133	26.3	2.540	224	5097.2
5200	0.217	0.209	34.670	5.15	27.849	27.871	32.607	37.226	41.734	46.135	26.5	2.593	140	5303.6
5233	0.219	0.211	34.670	5.18	27.849	27.871	32.607	37.227	41.735	46.135	26.6	2.602	219	5336.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	12.828	12.828	34.011	6.60	0.9	0.67	7.00	0.12	25.680	25.680	34.410	42.740	0.	
46	7.969	7.965	34.136	7.31	1.2	1.04	13.50	0.14	26.621	26.621	35.556	44.075	47.	
89	5.334	5.327	34.124	6.91	5.1	1.60	20.30	0.19	26.964	26.965	36.026	44.662	90.	
192	4.922	4.907	34.210	6.43	10.1	1.67	23.70	0.07	27.080	27.082	36.163	44.817	194.	
287	4.359	4.338	34.191	6.43	13.0	1.75	25.10	0.02	27.127	27.129	36.240	44.922	290.	
487	3.462	3.429	34.161	6.29	19.6	1.91	27.60	0.02	27.195	27.198	36.357	45.083	492.	
684	2.889	2.844	34.216	5.67	32.7	2.12	31.00	0.01	27.292	27.296	36.485	45.240	691.	
870	2.789	2.732	34.351	4.75	51.5	2.34	33.80	0.01	27.408	27.413	36.607	45.365	879.	
982	2.617	2.553	34.409	4.43	71.8	2.40	34.90	0.01	27.469	27.475	36.677	45.444	993.	
1180	2.503	2.425	34.519	4.12	71.6	2.41	34.90	0.01	27.567	27.574	36.781	45.552	1193.	
1361	2.436	2.344	34.583	4.03	77.0	2.38	34.60	0.01	27.624	27.631	36.842	45.617	1377.	
1586	2.386	2.276	34.631	4.06	80.2	2.35	34.20	0.01	27.666	27.675	36.889	45.666	1606.	D1
1772	2.968	2.835	34.779	4.73	55.4	1.94	28.40	0.01	27.733	27.745	36.926	45.673	1794.	
1968	2.672	2.526	34.773	4.65	65.4	2.00	29.20	0.01	27.755	27.768	36.966	45.728	1994.	
2219	2.314	2.150	34.753	4.53	78.5	2.10	30.60	0.01	27.770	27.783	37.002	45.784	2249.	
2475	2.724	2.528	34.871	5.31	49.3	1.66	24.40	0.01	27.829	27.846	37.042	45.802	2510.	D1
2708	2.279	2.069	34.812	5.02	68.5	1.85	27.10	0.01	27.820	27.837	37.059	45.844	2748.	
2955	1.927	1.700	34.788	4.95	81.4	1.97	28.70	0.01	27.829	27.847	37.090	45.894	3001.	
3197	1.539	1.297	34.757	4.83	96.0	2.07	30.30	0.01	27.834	27.851	37.118	45.943	3248.	
3453	1.178	0.918	34.724	4.79	110.2	2.21	32.00	0.01	27.833	27.850	37.139	45.985	3510.	
3694	0.898	0.621	34.710	4.89	116.3	2.26	32.60	0.01	27.840	27.858	37.164	46.026	3756.	
3932	0.611	0.317	34.694	4.97	120.8	2.30	32.90	0.00	27.845	27.863	37.187	46.066	4002.	
4415	0.274	-0.062	34.677	5.10	124.6	2.32	33.20	0.00	27.851	27.869	37.216	46.116	4498.	
5209	0.217	-0.211	34.670	5.18	129.4	2.36	33.60	0.01	27.849	27.871	37.226	46.136	5316.	

SHIP AT CRUISE 107 STATION 40
START 41 58.07 S 54 58.76 W AT 1139 79/12/21
WIND = 11M/S COR. DEPTH = 4850M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.777	12.777	34.153	7.13	25.800	25.800	30.217	34.530	38.743	42.860	220.5	0.000	0.000	-0
10	12.777	12.775	34.146	7.15	25.794	25.795	30.212	34.525	38.738	42.855	221.3	.022	-1.267	10.1
20	11.802	11.799	34.138	7.29	25.976	25.977	30.414	34.746	38.977	43.112	204.3	.043	7.559	20.1
30	10.158	10.155	34.146	7.52	26.278	26.279	30.751	35.116	39.379	43.545	175.8	.062	9.750	30.2
40	9.008	8.004	34.141	7.98	26.619	26.619	31.140	35.552	39.860	44.069	143.5	.078	10.363	40.3
50	7.086	7.081	34.154	7.51	26.761	26.762	31.305	35.738	40.066	44.294	130.0	.092	6.716	50.3
60	6.428	6.422	34.157	7.48	26.853	26.854	31.413	35.861	40.204	44.446	121.4	.105	5.393	60.4
70	5.874	5.868	34.147	7.37	26.916	26.917	31.489	35.951	40.307	44.562	115.5	.116	4.464	70.5
80	5.220	5.214	34.139	7.38	26.989	26.990	31.579	36.057	40.429	44.698	108.6	.128	4.844	80.5
90	4.930	4.924	34.138	7.22	27.022	27.023	31.620	36.105	40.483	44.759	105.5	.138	3.235	90.6
100	4.630	4.623	34.134	7.25	27.053	27.053	31.658	36.151	40.536	44.819	102.7	.149	3.133	100.7
120	4.210	4.201	34.128	6.99	27.093	27.094	31.709	36.213	40.609	44.902	99.0	.169	2.549	120.8
140	4.078	4.068	34.133	6.91	27.111	27.112	31.731	36.237	40.637	44.933	97.4	.189	1.705	141.0
160	4.049	4.038	34.142	6.83	27.121	27.122	31.742	36.250	40.649	44.946	96.6	.208	1.293	161.1
180	3.983	3.970	34.140	6.88	27.126	27.128	31.749	36.258	40.660	44.959	96.3	.227	.937	181.3
200	3.919	3.905	34.142	6.83	27.135	27.136	31.760	36.270	40.673	44.973	95.6	.246	1.166	201.4
220	3.830	3.815	34.141	6.71	27.142	27.144	31.770	36.283	40.688	44.990	95.0	.265	1.152	221.6
240	3.724	3.708	34.140	6.69	27.153	27.154	31.783	36.299	40.707	45.012	94.2	.284	1.301	241.7
260	3.671	3.654	34.147	6.69	27.163	27.165	31.795	36.312	40.721	45.027	93.3	.303	1.315	261.9
280	3.549	3.530	34.141	6.69	27.170	27.172	31.806	36.326	40.739	45.048	92.7	.322	1.135	282.1
300	3.450	3.430	34.143	6.56	27.181	27.183	31.819	36.342	40.757	45.069	91.7	.340	1.359	302.2
320	3.369	3.348	34.144	6.52	27.190	27.192	31.831	36.356	40.773	45.087	91.0	.358	1.239	322.4
340	3.200	3.178	34.143	6.43	27.205	27.207	31.850	36.380	40.801	45.119	89.6	.377	1.600	342.6
360	3.167	3.144	34.153	6.30	27.216	27.218	31.862	36.392	40.815	45.133	88.6	.394	1.346	362.7
380	3.087	3.063	34.160	6.24	27.229	27.231	31.877	36.410	40.834	45.154	87.5	.412	1.469	382.9
400	2.973	2.948	34.165	6.14	27.243	27.246	31.895	36.431	40.858	45.181	86.1	.429	1.564	403.1
450	2.784	2.756	34.178	5.95	27.271	27.273	31.928	36.469	40.900	45.228	83.7	.472	1.367	453.5
500	2.681	2.650	34.208	5.74	27.303	27.306	31.963	36.506	40.941	45.271	80.8	.513	1.457	504.0
550	2.807	2.772	34.269	5.36	27.341	27.344	31.997	36.537	40.968	45.295	77.7	.552	1.507	554.5
600	2.745	2.707	34.294	5.14	27.366	27.370	32.024	36.566	40.998	45.326	75.5	.591	1.279	605.0
650	2.820	2.779	34.340	4.86	27.397	27.401	32.053	36.592	41.022	45.348	73.1	.628	1.359	655.5
700	2.757	2.712	34.368	4.66	27.424	27.428	32.082	36.623	41.054	45.382	70.7	.664	1.343	706.0
750	2.690	2.642	34.398	4.50	27.454	27.458	32.114	36.656	41.089	45.418	68.1	.699	1.395	756.5
800	2.641	2.590	34.429	4.33	27.484	27.488	32.145	36.688	41.122	45.452	65.5	.732	1.381	807.1
900	2.673	2.614	34.487	4.20	27.527	27.532	32.187	36.730	41.162	45.491	62.2	.796	1.066	908.2
1000	2.598	2.532	34.534	4.11	27.571	27.577	32.234	36.778	41.213	45.544	58.4	.856	1.289	1009.4
1100	2.429	2.357	34.551	4.04	27.599	27.605	32.267	36.815	41.255	45.590	56.0	.913	.930	1110.6
1200	2.493	2.413	34.596	4.24	27.630	27.636	32.297	36.843	41.281	45.614	53.8	.968	.903	1211.9
1300	2.511	2.423	34.633	4.15	27.657	27.665	32.325	36.871	41.307	45.640	51.9	1.021	.938	1313.2
1400	2.547	2.450	34.670	4.28	27.684	27.692	32.351	36.896	41.332	45.663	50.1	1.072	.942	1414.6
1489	2.846	2.739	34.742	4.63	27.715	27.724	32.375	36.911	41.339	45.663	48.9	1.116	.853	1505.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	13.054	13.054	34.152	6.72	0.7	0.51	3.10	0.07	25.744	25.744	34.463	42.783	0.	
7	12.791	12.789	34.151						25.796	25.796	34.526	42.855	8.	
24	10.828	10.825	34.150	7.05	0.8	0.66	5.40	0.07	26.164	26.164	34.974	43.376	24.	
53	6.548	6.543	34.161	6.73	4.3	1.46	17.00	0.15	26.840	26.841	35.842	44.422	54.	
92	4.678	4.671	34.135	6.89	8.8	1.65	22.60	0.20	27.048	27.049	36.143	44.810	93.	
143	4.207	4.197	34.148	6.86	9.8	1.70	23.90	0.23	27.109	27.110	36.229	44.918	145.	
193	3.898	3.885	34.147	6.87	11.7	1.73	24.70	0.02	27.140	27.142	36.277	44.981	195.	
293	3.445	3.426	34.142	6.53	16.9	1.87	26.80	0.00	27.181	27.183	36.343	45.069	296.	
393	2.996	2.971	34.160	6.15	24.3	2.00	29.00	0.00	27.237	27.240	36.423	45.172	397.	
489	2.895	2.864	34.220	5.65	33.1	2.12	31.00	0.00	27.294	27.297	36.486	45.239	493.	
639	2.768	2.727	34.315	4.94	46.5	2.30	33.20	0.00	27.381	27.385	36.579	45.338	645.	
785	2.677	2.626	34.411	4.42	59.5	2.38	34.50	0.00	27.466	27.470	36.669	45.431	793.	
887	2.617	2.559	34.466	4.18	63.8	2.40	34.60	0.00	27.515	27.520	36.721	45.486	896.	
985	2.573	2.509	34.516	4.13	68.1	2.38	34.50	0.00	27.559	27.564	36.767	45.534	996.	
1082	2.526	2.455	34.562	4.10	72.2	2.37	34.40	0.00	27.599	27.605	36.811	45.579	1094.	
1280	2.566	2.479	34.631	4.17	71.7	2.29	33.20	0.00	27.651	27.658	36.861	45.628	1294.	D1
1487	2.837	2.730	34.742	4.66	59.7	2.04	29.70	0.00	27.716	27.725	36.912	45.665	1504.	

SHIP AT CRUISE 107 STATION 41
START 41 59.12 S 55 30.02 W AT 1527 79/12/21
WIND = 13M/S COR. DEPTH = 4621M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR														
0	13	506	13	506	34	233	6	92	25	715	25	715	30	118	34	416	38	615	42	718	228	6	0	000	0	000	-	0
10	12	901	12	899	34	139	7	18	25	765	25	765	30	180	34	491	38	701	42	816	224	1	0	023	3	956	10	1
20	10	434	10	431	34	116	7	54	26	207	26	207	30	674	35	033	39	291	43	452	182	3	0	043	11	786	20	1
30	9	352	9	349	34	129	7	58	26	399	26	400	30	890	35	273	39	552	43	734	164	2	0	060	7	793	30	2
40	7	480	7	476	34	188	7	41	26	733	26	734	31	267	35	690	40	009	44	229	132	6	0	075	10	256	40	3
50	6	475	6	471	34	169	7	27	26	856	26	857	31	414	35	861	40	203	44	445	121	0	0	088	6	238	50	3
60	6	018	6	013	34	192	7	12	26	933	26	934	31	503	35	961	40	313	44	564	113	8	0	100	4	945	60	4
70	5	105	5	099	34	137	7	28	27	001	27	002	31	594	36	075	40	449	44	721	107	3	0	111	4	658	70	5
80	4	827	4	821	34	141	7	16	27	036	27	036	31	636	36	123	40	504	44	783	104	1	0	121	3	317	80	5
90	4	602	4	596	34	142	7	17	27	062	27	063	31	668	36	161	40	547	44	831	101	7	0	131	2	896	90	6
100	4	431	4	424	34	146	7	13	27	084	27	084	31	694	36	191	40	582	44	870	99	7	0	142	2	630	100	7
120	4	243	4	235	34	158	7	01	27	113	27	114	31	729	36	231	40	626	44	918	97	0	0	161	2	189	120	8
140	4	166	4	157	34	162	6	91	27	124	27	125	31	742	36	246	40	643	44	937	96	2	0	181	1	327	141	0
160	4	031	4	020	34	154	6	91	27	132	27	133	31	754	36	261	40	661	44	959	95	6	0	200	1	143	161	1
180	3	969	3	956	34	157	6	88	27	141	27	142	31	764	36	273	40	675	44	974	94	9	0	219	1	206	181	3
200	3	879	3	865	34	154	6	80	27	148	27	150	31	774	36	286	40	690	44	991	94	3	0	238	1	119	201	4
220	3	814	3	799	34	159	6	67	27	158	27	160	31	786	36	299	40	705	45	007	93	5	0	256	1	282	221	6
240	3	998	3	981	34	198	6	42	27	171	27	172	31	793	36	302	40	703	45	000	92	6	0	275	1	332	241	7
260	3	937	3	918	34	203	6	23	27	181	27	183	31	805	36	315	40	718	45	017	91	8	0	293	1	304	261	9
280	4	039	4	019	34	235	6	00	27	196	27	198	31	818	36	325	40	725	45	021	90	6	0	312	1	507	282	1
300	3	841	3	820	34	217	5	94	27	202	27	204	31	829	36	341	40	746	45	048	90	1	0	330	1	082	302	2
320	3	704	3	683	34	208	5	93	27	209	27	211	31	840	36	356	40	764	45	069	89	5	0	348	1	115	322	4
340	3	573	3	550	34	204	5	95	27	218	27	220	31	852	36	372	40	783	45	092	88	7	0	366	1	281	342	6
360	3	403	3	379	34	199	5	91	27	230	27	232	31	870	36	394	40	809	45	122	87	5	0	383	1	486	362	7
380	3	189	3	164	34	185	5	91	27	239	27	242	31	885	36	414	40	836	45	153	86	6	0	401	1	329	382	9
400	2	885	2	860	34	171	5	90	27	256	27	259	31	910	36	448	40	877	45	202	84	8	0	418	1	786	403	1
450	2	658	2	631	34	190	5	85	27	291	27	293	31	951	36	495	40	930	45	261	81	6	0	455	1	532	453	6
500	2	811	2	780	34	249	5	48	27	325	27	327	31	981	36	520	40	951	45	277	78	9	0	500	1	409	504	0
550	2	678	2	644	34	267	5	17	27	351	27	354	32	011	36	553	40	987	45	317	76	6	0	538	1	332	554	5
600	2	640	2	602	34	300	5	00	27	381	27	384	32	042	36	585	41	020	45	351	74	0	0	576	1	384	605	0
650	2	643	2	602	34	339	4	79	27	411	27	415	32	072	36	616	41	050	45	381	71	4	0	612	1	387	655	5
700	2	631	2	587	34	379	4	60	27	444	27	448	32	105	36	649	41	083	45	414	68	6	0	647	1	437	706	0
750	2	633	2	585	34	420	4	43	27	477	27	481	32	138	36	681	41	116	45	446	65	9	0	681	1	432	756	5
800	2	595	2	544	34	445	4	34	27	500	27	504	32	162	36	707	41	142	45	473	63	9	0	713	1	230	807	1
900	2	576	2	518	34	500	4	16	27	546	27	551	32	209	36	753	41	189	45	520	60	2	0	776	1	253	908	2
1000	2	712	2	645	34	577	4	14	27	595	27	601	32	255	36	795	41	227	45	554	56	5	0	834	1	208	1009	4
1100	2	596	2	523	34	604	4	13	27	627	27	633	32	290	36	834	41	268	45	599	53	8	0	889	1	049	1110	6
1200	2	572	2	491	34	635	4	13	27	654	27	661	32	319	36	863	41	298	45	628	51	8	0	942	1	093	1211	9
1300	2	822	2	731	34	714	4	33	27	695	27	703	32	353	36	891	41	319	45	643	49	4	0	993	1	989	1313	2
1400	2	825	2	726	34	743	4	56	27	718	27	726	32	377	36	914	41	342	45	666	48	0	0	1041	1	804	1414	6
1500	2	792	2	685	34	760	4	72	27	734	27	744	32	395	36	933	41	362	45	687	46	9	0	1089	1	655	1516	1
1600	2	776	2	661	34	787	4	83	27	757	27	767	32	419	36	958	41	387	45	712	45	4	0	1135	1	751	1617	5
1700	2	739	2	615	34	806	4	94	27	775	27	786	32	439	36	979	41	409	45	736	44	2	0	1180	1	808	1719	1
1800	2	792	2	659	34	832	5	14	27	792	27	804	32	455	36	993	41	423	45	748	43	5	0	1223	1	659	1820	6
1900	2	523	2	384	34	809	5	02	27	797	27	809	32	468	37	014	41	450	45	782	42	4	0	1266	1	733	1922	3
2000	2	402	2	257	34	802	5	02	27	802	27	814	32	477	37	026	41	466	45	801	42	0	0	1309	1	648	2023	9
2100	2	343	2	189	34	806	5	01	27	810	27	822	32	487	37	038	41	480	45	817	41	4	0	1350	1	658	2125	7
2200	2	141	1	982	34	784	4	93	27	808	27	821	32	492	37	049	41	496	45	839	40	9	0	1392	1	576	2227	5
2300	2	112	1	944	34	790	4	88	27	816	27	830	32	502	37	059	41	507	45	851	40	5	0	1432	1	581	2329	3
2400	1	845	1	673	34	753	4	77	27	808	27	821	32	501	37	066	41	522	45	872	40	2	0	1472	1	309	2431	2
2500	1	764	1	584	34	749	4	64	27	810	27	824	32	506	37	074	41	532	45	885	39	8	0	1512	1	572	2533	1
2600	1	760	1	571	34	760	4	70	27	819	27	834	32	516	37	085	41	543	45	896	39	3	0	1552	1	581	2635	1
2700	1	698	1	502	34	759	4	80	27	824	27	838	32	523	37	093	41	553	45	908	38	9	0	1591	1	558	2737	1
2800	1	545	1	342	34	745	4	73	27	823	27	838	32	528	37	102	41	567	45	926	38	2	0	1630	1	634	2839	1
2900	1	419	1	209	34	734	4	69	27	824	27	839	32	532	37	110	41	579	45	941	37	6	0	1667	1	432	2941	2
3000	1	312	1	095	34	727	4	68	27	826	27	841	32	538	37	120	41	591	45	957	36	8	0	1705	1	700	3043	4
3200	1	147	1	914	34	721	4	71	27	833	27	848	32	550	37	138	41	614	45	984	35	4	0					

SHIP AT CRUISE 107 STATION 42
START 42 8.81 S 56 9.22 W AT 2120 79/12/21
WIND = 13M/S COR. DEPTH = 4046M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.147	13.147	34.118	4.96	25.699	25.699	30.110	34.416	38.622	42.732	230.1	0.000	0.000	-0.0
10	12.214	12.212	34.109	6.81	25.875	25.875	30.305	34.629	38.852	42.979	213.6	0.022	7.418	10.1
20	11.317	11.315	34.131	7.08	26.060	26.061	30.509	34.850	39.091	43.234	196.2	0.043	7.636	20.1
30	10.455	10.452	34.027	7.48	26.134	26.134	30.601	34.961	39.219	43.380	189.5	0.062	4.812	30.2
40	9.350	9.346	34.128	7.48	26.399	26.400	30.890	35.273	39.552	43.734	164.4	0.080	9.140	40.3
50	8.396	8.391	34.141	7.23	26.560	26.561	31.072	35.476	39.776	43.976	149.3	0.095	7.123	50.3
60	6.757	6.752	34.123	7.04	26.782	26.783	31.334	35.775	40.111	44.346	128.2	0.109	8.394	60.4
70	5.977	5.971	34.131	6.95	26.891	26.891	31.461	35.921	40.275	44.527	117.9	0.122	5.858	70.5
80	5.558	5.552	34.132	6.98	26.943	26.944	31.525	35.994	40.358	44.620	113.0	0.133	4.100	80.5
90	5.090	5.083	34.132	7.05	26.999	27.000	31.593	36.074	40.448	44.721	107.8	0.144	4.218	90.6
100	4.568	4.561	34.122	7.03	27.050	27.051	31.657	36.151	40.538	44.823	102.9	0.155	4.043	100.7
120	4.062	4.054	34.115	7.01	27.098	27.099	31.719	36.226	40.626	44.922	98.4	0.175	2.788	120.8
140	3.973	3.964	34.116	7.05	27.108	27.109	31.731	36.241	40.643	44.942	97.6	0.194	1.291	141.0
160	3.790	3.779	34.115	6.99	27.126	27.127	31.754	36.268	40.675	44.978	96.0	0.214	1.706	161.1
180	3.736	3.724	34.125	6.94	27.139	27.140	31.769	36.285	40.692	44.997	94.9	0.233	1.459	181.3
200	3.611	3.598	34.120	6.92	27.147	27.148	31.780	36.299	40.710	45.018	94.3	0.252	1.166	201.4
220	3.472	3.458	34.116	6.88	27.158	27.159	31.795	36.317	40.732	45.043	93.4	0.271	1.328	221.6
240	3.498	3.482	34.138	6.77	27.173	27.174	31.809	36.331	40.745	45.055	92.1	0.289	1.549	241.8
260	3.356	3.339	34.138	6.58	27.186	27.188	31.827	36.352	40.770	45.084	90.9	0.307	1.513	261.9
280	3.287	3.269	34.148	6.38	27.201	27.202	31.843	36.370	40.789	45.105	89.6	0.325	1.525	282.1
300	3.153	3.134	34.146	6.33	27.212	27.214	31.858	36.389	40.812	45.130	88.6	0.343	1.403	302.3
320	3.063	3.043	34.149	6.24	27.223	27.224	31.871	36.404	40.829	45.150	87.7	0.361	1.325	322.4
340	2.949	2.928	34.154	6.20	27.237	27.239	31.888	36.425	40.852	45.176	86.4	0.378	1.551	342.6
360	2.863	2.841	34.159	6.12	27.248	27.250	31.902	36.441	40.871	45.197	85.3	0.395	1.392	362.8
380	2.750	2.726	34.164	6.08	27.262	27.264	31.919	36.461	40.894	45.222	84.0	0.412	1.538	383.0
400	2.701	2.676	34.177	5.94	27.277	27.279	31.936	36.479	40.913	45.242	82.7	0.429	1.564	403.1
450	2.499	2.472	34.194	5.77	27.308	27.310	31.972	36.520	40.960	45.294	79.8	0.470	1.441	453.6
500	2.527	2.497	34.239	5.47	27.342	27.344	32.006	36.553	40.991	45.324	77.0	0.509	1.453	504.1
550	2.542	2.509	34.283	5.13	27.375	27.378	32.038	36.585	41.022	45.355	74.1	0.547	1.438	554.6
600	2.607	2.569	34.320	4.84	27.399	27.402	32.061	36.605	41.041	45.372	72.3	0.583	1.203	605.1
650	2.658	2.617	34.364	4.62	27.430	27.433	32.090	36.633	41.067	45.396	69.8	0.619	1.369	655.6
700	2.667	2.622	34.396	4.42	27.455	27.458	32.115	36.657	41.091	45.420	67.7	0.653	1.248	706.1
750	2.641	2.593	34.428	4.27	27.482	27.486	32.143	36.686	41.120	45.450	65.4	0.686	1.329	756.6
800	2.558	2.507	34.455	4.14	27.511	27.516	32.175	36.720	41.156	45.487	62.8	0.718	1.390	807.2
900	2.542	2.484	34.509	4.02	27.556	27.561	32.220	36.765	41.201	45.533	59.2	0.779	1.156	908.4
1000	2.454	2.389	34.559	3.96	27.603	27.608	32.270	36.817	41.255	45.589	55.1	0.836	1.138	1009.5
1100	2.425	2.353	34.594	3.97	27.633	27.639	32.301	36.850	41.289	45.623	52.7	0.890	0.982	1110.8
1200	2.360	2.281	34.627	3.99	27.665	27.672	32.336	36.885	41.326	45.662	50.1	0.942	0.970	1212.1
1300	2.272	2.187	34.645	4.09	27.687	27.694	32.361	36.913	41.356	45.694	48.3	0.991	0.842	1313.4
1400	2.270	2.177	34.674	4.15	27.710	27.718	32.384	36.936	41.379	45.718	46.7	1.038	0.847	1414.8
1500	2.288	2.187	34.703	4.22	27.732	27.740	32.406	36.958	41.400	45.738	45.3	1.084	0.782	1516.3
1600	2.242	2.133	34.715	4.28	27.746	27.755	32.422	36.975	41.419	45.758	44.3	1.129	0.745	1617.8
1700	2.124	2.008	34.716	4.34	27.756	27.765	32.436	36.993	41.440	45.782	43.3	1.173	0.675	1719.4
1800	2.358	2.231	34.773	4.53	27.782	27.793	32.457	37.007	41.448	45.784	42.5	1.216	0.603	1820.9
1900	2.328	2.192	34.783	4.72	27.793	27.804	32.469	37.020	41.462	45.799	41.9	1.258	0.693	1922.6
2000	2.273	2.130	34.791	4.95	27.803	27.815	32.482	37.034	41.478	45.816	41.2	1.299	0.699	2024.3
2100	1.950	1.803	34.742	4.63	27.791	27.802	32.478	37.040	41.492	45.840	41.1	1.341	0.495	2126.1
2200	1.898	1.743	34.743	4.54	27.795	27.807	32.485	37.049	41.503	45.851	40.8	1.382	0.578	2227.8
2300	1.873	1.709	34.755	4.63	27.807	27.819	32.498	37.063	41.517	45.867	40.0	1.422	0.649	2329.7
2400	1.777	1.606	34.751	4.66	27.812	27.824	32.506	37.074	41.531	45.883	39.4	1.462	0.655	2431.6
2500	1.707	1.529	34.747	4.65	27.813	27.827	32.511	37.080	41.540	45.894	39.2	1.501	0.521	2533.5
2600	1.613	1.427	34.739	4.63	27.814	27.828	32.515	37.087	41.549	45.906	38.9	1.540	0.467	2635.5
2700	1.553	1.359	34.738	4.62	27.817	27.831	32.520	37.095	41.559	45.917	38.5	1.579	0.567	2737.5
2800	1.487	1.285	34.735	4.68	27.820	27.834	32.526	37.102	41.568	45.929	38.1	1.617	0.492	2839.6
2900	1.401	1.191	34.732	4.66	27.824	27.839	32.533	37.112	41.580	45.943	37.4	1.655	0.631	2941.7
3000	1.321	1.103	34.729	4.68	27.827	27.842	32.539	37.120	41.591	45.957	36.8	1.692	0.629	3043.9
3200	1.161	0.928	34.722	4.72	27.832	27.848	32.550	37.136	41.612	45.982	35.6	1.764	0.592	3248.4
3400	0.944	0.696	34.710	4.80	27.837	27.853	32.562	37.155	41.637	46.014	33.7	1.834	0.759	3453.1
3600	0.654	0.393	34.697	4.87	27.845	27.861	32.578	37.180	41.671	46.056	30.8	1.898	0.798	3658.0
3800	0.426	0.151	34.684	4.97	27.848	27.864	32.588	37.198	41.695	46.086	28.5	1.957	0.439	3863.1
4000	0.278	-0.014	34.680	5.02	27.853	27.869	32.599	37.213	41.715	46.111	26.7	2.012	0.459	4068.3
4036	0.252	-0.043	34.679	4.99	27.854	27.870	32.601	37.215	41.718	46.115	26.4	2.022	0.590	4106.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	13.386	13.386	34.118	6.45	1.3	0.62	5.60	0.07	25.651	25.651	34.358	42.666	0.	
24	10.685	10.682	34.155	7.08	1.1	0.69	6.10	0.06	26.193	26.194	35.009	43.417	25.	
53	7.249	7.244	34.144	6.42	4.8	1.56	16.50	0.17	26.731	26.732	35.700	44.249	54.	
91	4.996	4.989	34.132	6.96	8.8	1.66	21.60	0.19	27.010	27.010	36.089	44.741	92.	
190	3.716	3.703	34.129	6.96	12.2	1.76	25.00	0.04	27.144	27.146	36.291	45.004	192.	
287	3.307	3.288	34.143	6.35	19.4	1.94	27.80	0.01	27.195	27.197	36.364	45.097	290.	
385	2.783	2.759	34.166	6.10	26.4	2.05	29.70	0.00	27.261	27.263	36.458	45.218	389.	
482	2.489	2.460	34.203	5.72	34.7	2.18	31.60	0.00	27.316	27.318	36.529	45.303	487.	
586	2.578	2.542	34.303	5.01	46.4	2.30	33.40	0.00	27.388	27.391	36.596	45.364	592.	
781	2.603	2.553	34.447	4.29	62.8	2.40	34.80	0.00	27.501	27.505	36.707	45.473	789.	
981	2.469	2.406	34.548	4.04	73.7	2.41	35.00	0.00	27.593	27.598	36.806	45.578	992.	
1178	2.369	2.292	34.621	4.03	79.9	2.36	34.30	0.00	27.660	27.666	36.879	45.656	1192.	
1370	2.277	2.185	34.663	4.08	83.5	2.32	33.60	0.00	27.701	27.708	36.927	45.708	1386.	
1579	2.280	2.172	34.717	4.26	82.0	2.21	32.10	0.00	27.744	27.753	36.971	45.752	1598.	
1774	2.247	2.123	34.753	4.50	79.9	2.11	30.70	0.00	27.777	27.787	37.007	45.790	1796.	
1973	2.443	2.300	34.815	4.94	64.6	1.87	27.10	0.00	27.808	27.821	37.030	45.803	1999.	
2217	1.903	1.747	34.743	4.50	91.2	2.14	31.10	0.00	27.795	27.807	37.048	45.851	2247.	
2460	1.741	1.565	34.749	4.61	94.9	2.16	31.10	0.00	27.812	27.825	37.077	45.889	2495.	
2708	1.557	1.362	34.740	4.60	101.5	2.20	31.60	0.00	27.819	27.833	37.096	45.919	2747.	
2952	1.365	1.151	34.732	4.71	106.9	2.21	31.90	0.00	27.826	27.841	37.116	45.950	2997.	
3199	1.160	0.927	34.723	4.72	112.3	2.25	32.30	0.00	27.833	27.849	37.137	45.983	3250.	
3430	0.893	0.643	34.713	4.81	117.2	2.27	32.70	0.00	27.843	27.859	37.163	46.025	3487.	
3675	0.518	0.253	34.691	4.96	122.6	2.31	33.00	0.00	27.848	27.864	37.192	46.075	3738.	
4032	0.252	-0.043	34.679	5.09	127.5	2.34	33.30	0.00	27.854	27.870	37.215	46.115	4104.	

SHIP AT CRUISE 107 STATION 43
START 41 58.65 S 56 28.61 W AT 211 79/12/22
WIND = 999M/S COR. DEPTH = 3175M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.494	11.494	34.179	6.74	26.065	26.065	30.509	34.846	39.083	43.223	195.3	0.000	0.000	-0
10	10.947	10.945	34.196	7.49	26.178	26.179	30.633	34.982	39.229	43.380	184.8	0.019	5.951	10.1
20	10.769	10.766	34.209	7.57	26.220	26.221	30.679	35.032	39.282	43.436	181.0	0.037	3.628	20.1
30	9.093	9.090	34.227	7.72	26.518	26.518	31.013	35.401	39.685	43.871	153.0	0.054	9.677	30.2
40	7.856	7.853	34.227	7.69	26.709	26.710	31.233	35.648	39.959	44.170	134.9	0.068	7.767	40.3
50	6.842	6.837	34.211	7.77	26.840	26.841	31.389	35.827	40.160	44.393	122.6	0.081	6.436	50.3
60	6.660	6.655	34.202	7.51	26.857	26.858	31.411	35.853	40.191	44.428	121.1	0.093	2.351	60.4
70	6.245	6.239	34.186	7.42	26.900	26.900	31.463	35.916	40.263	44.510	117.1	0.105	3.680	70.5
80	5.620	5.613	34.148	7.44	26.949	26.949	31.528	35.996	40.358	44.619	112.5	0.117	3.963	80.5
90	4.973	4.966	34.133	7.40	27.013	27.014	31.610	36.093	40.471	44.746	106.4	0.128	4.541	90.6
100	4.645	4.637	34.116	7.24	27.037	27.038	31.642	36.134	40.519	44.803	104.2	0.138	2.780	100.7
120	4.255	4.247	34.110	7.20	27.074	27.075	31.689	36.192	40.587	44.879	100.8	0.159	2.450	120.8
140	4.091	4.081	34.126	7.06	27.104	27.105	31.724	36.230	40.629	44.925	98.1	0.179	2.191	141.0
160	3.943	3.932	34.124	6.96	27.118	27.119	31.742	36.252	40.654	44.954	96.9	0.198	1.513	161.1
180	3.863	3.851	34.129	6.94	27.129	27.131	31.755	36.268	40.673	44.974	95.9	0.217	1.375	181.3
200	3.818	3.805	34.136	6.68	27.140	27.141	31.767	36.281	40.686	44.989	95.1	0.237	1.294	201.4
220	3.729	3.714	34.132	6.79	27.146	27.147	31.776	36.292	40.699	45.004	94.6	0.256	1.022	221.6
240	3.670	3.654	34.139	6.76	27.157	27.158	31.789	36.306	40.715	45.021	93.7	0.274	1.342	241.7
260	3.613	3.596	34.141	6.67	27.164	27.166	31.797	36.316	40.727	45.034	93.2	0.293	1.088	261.9
280	3.477	3.459	34.140	6.60	27.177	27.178	31.814	36.336	40.751	45.061	92.0	0.312	1.472	282.1
300	3.355	3.336	34.144	6.49	27.191	27.193	31.832	36.357	40.775	45.088	90.7	0.330	1.564	302.2
320	3.258	3.238	34.146	6.43	27.202	27.204	31.845	36.374	40.793	45.110	89.8	0.348	1.363	322.4
340	3.182	3.160	34.150	6.35	27.213	27.215	31.858	36.388	40.810	45.128	88.8	0.366	1.337	342.6
360	3.135	3.111	34.155	6.28	27.221	27.223	31.868	36.399	40.822	45.141	88.1	0.383	1.181	362.7
380	3.050	3.026	34.160	6.22	27.232	27.235	31.882	36.415	40.840	45.161	87.1	0.401	1.385	382.9
400	2.970	2.945	34.166	6.12	27.245	27.247	31.896	36.432	40.859	45.182	86.0	0.418	1.430	403.1
450	2.867	2.839	34.194	5.87	27.276	27.278	31.930	36.469	40.898	45.224	83.3	0.461	1.427	453.6
500	2.789	2.758	34.223	5.73	27.306	27.309	31.963	36.503	40.935	45.262	80.6	0.502	1.407	504.0
550	2.747	2.712	34.249	5.50	27.330	27.333	31.988	36.530	40.962	45.290	78.6	0.541	1.245	554.5
600	2.562	2.525	34.259	5.40	27.354	27.358	32.018	36.564	41.001	45.334	76.4	0.580	1.308	605.0
650	2.592	2.551	34.279	5.26	27.368	27.372	32.031	36.576	41.013	45.345	75.4	0.618	0.921	655.5
700	2.656	2.611	34.333	5.00	27.406	27.409	32.066	36.610	41.044	45.374	72.3	0.655	1.507	706.0
750	2.642	2.595	34.397	4.68	27.457	27.462	32.119	36.662	41.096	45.426	67.7	0.690	1.803	756.5
800	2.584	2.533	34.432	4.42	27.490	27.495	32.153	36.698	41.133	45.465	64.8	0.723	1.463	807.1
900	2.487	2.429	34.498	4.14	27.552	27.556	32.217	36.764	41.202	45.535	59.4	0.785	1.415	908.2
1000	2.401	2.337	34.566	4.00	27.613	27.619	32.281	36.830	41.270	45.605	54.0	0.842	1.306	1009.4
1100	2.345	2.274	34.601	3.96	27.645	27.651	32.315	36.866	41.307	45.643	51.4	0.894	1.018	1110.6
1200	2.277	2.199	34.618	3.95	27.665	27.671	32.337	36.890	41.332	45.671	49.9	0.945	0.707	1211.9
1300	2.225	2.140	34.633	4.00	27.681	27.688	32.356	36.909	41.353	45.693	48.7	0.994	0.759	1313.2
1400	2.216	2.124	34.648	4.05	27.694	27.702	32.370	36.924	41.368	45.708	48.0	1.043	0.625	1414.6
1500	2.186	2.085	34.667	4.12	27.712	27.720	32.389	36.944	41.389	45.730	46.7	1.090	0.735	1516.1
1600	2.212	2.104	34.681	4.15	27.721	27.730	32.398	36.952	41.397	45.738	46.5	1.137	0.531	1617.5
1700	2.159	2.043	34.688	4.19	27.731	27.740	32.410	36.966	41.413	45.754	45.8	1.183	0.747	1719.1
1800	2.177	2.052	34.722	4.29	27.756	27.766	32.436	36.991	41.437	45.778	44.0	1.228	0.891	1820.6
1900	2.141	2.008	34.742	4.42	27.775	27.786	32.456	37.013	41.459	45.801	42.6	1.271	0.849	1922.3
2000	2.192	2.049	34.762	4.58	27.787	27.799	32.468	37.023	41.468	45.810	42.2	1.313	0.587	2023.9
2100	2.054	1.905	34.755	4.59	27.792	27.804	32.477	37.037	41.486	45.831	41.5	1.355	0.507	2125.7
2200	1.918	1.762	34.754	4.61	27.803	27.815	32.492	37.055	41.508	45.857	40.2	1.396	0.750	2227.5
2300	1.895	1.732	34.753	4.63	27.804	27.816	32.495	37.058	41.512	45.861	40.4	1.436	0.256	2329.3
2400	1.894	1.721	34.753	4.64	27.804	27.817	32.496	37.060	41.514	45.863	40.8	1.477	0.254	2431.2
2500	1.898	1.716	34.751	4.64	27.802	27.816	32.495	37.059	41.513	45.862	41.4	1.518	0.351	2533.1
2600	1.903	1.711	34.752	4.63	27.802	27.817	32.496	37.060	41.515	45.864	41.8	1.560	0.175	2635.0
2700	1.906	1.705	34.751	4.61	27.801	27.817	32.496	37.060	41.515	45.865	42.3	1.602	0.049	2737.1
2800	1.892	1.682	34.752	4.64	27.803	27.819	32.499	37.064	41.519	45.870	42.4	1.644	0.240	2839.1
2900	1.786	1.568	34.748	4.65	27.808	27.825	32.508	37.076	41.535	45.888	41.6	1.686	0.933	2941.2
3000	1.670	1.445	34.741	4.58	27.811	27.828	32.515	37.086	41.548	45.905	40.8	1.727	0.479	3043.4
3155	1.411	1.176	34.730	4.55	27.821	27.838	32.532	37.112	41.581	45.944	38.4	1.789	0.490	3202.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	11.862	11.862	34.203	6.88	1.2	0.75	8.00	0.11	26.015	26.015	34.781	43.144	0.	
25	10.699	10.696	34.218	7.06	1.1	0.76	8.30	0.10	26.240	26.240	35.054	43.461	26.	
54	7.621	7.615	34.242	6.84	3.0	1.24	14.10	0.15	26.755	26.756	35.705	44.237	55.	B1
92	5.017	5.010	34.140	6.98	8.3	1.61	21.50	0.24	27.014	27.014	36.092	44.742	93.	B9
147	3.958	3.948	34.126	6.90	10.9	1.72	24.40	0.14	27.118	27.119	36.251	44.952	148.	
194	3.830	3.817	34.139	6.80	12.2	1.74	24.90	0.04	27.141	27.142	36.281	44.989	196.	
390	3.137	3.112	34.163	6.29	22.7	1.97	28.40	0.01	27.227	27.229	36.405	45.147	394.	
488	2.864	2.833	34.208	5.81	32.1	2.10	30.60	0.01	27.287	27.290	36.481	45.236	493.	
587	2.588	2.552	34.272	5.26	42.5	2.24	32.40	0.01	27.363	27.366	36.570	45.339	593.	
686	2.657	2.614	34.342	4.77	51.3	2.32	33.70	0.01	27.412	27.416	36.616	45.381	694.	
782	2.619	2.569	34.410	4.42	59.7	2.37	34.40	0.01	27.470	27.474	36.676	45.441	790.	
886	2.498	2.441	34.484	4.18	67.8	2.40	34.60	0.00	27.540	27.544	36.752	45.522	896.	
983	2.431	2.368	34.539	4.04	74.0	2.40	34.50	0.00	27.589	27.594	36.805	45.578	994.	
1178	2.316	2.239	34.606	3.99	81.8	2.37	34.30	0.00	27.652	27.659	36.875	45.654	1191.	
1378	2.238	2.146	34.634	4.01	84.9	2.34	33.90	0.00	27.681	27.688	36.909	45.693	1394.	
1574	2.210	2.103	34.674	4.17	85.1	2.26	32.80	0.00	27.715	27.724	36.947	45.732	1593.	
1770	2.173	2.050	34.717	4.28	84.6	2.19	31.90	0.00	27.753	27.763	36.987	45.775	1792.	
1972	2.107	1.969	34.756	4.55	82.6	2.06	30.10	0.00	27.789	27.800	37.029	45.820	1997.	
2217	1.907	1.750	34.757	4.60	88.9	2.09	30.40	0.01	27.806	27.818	37.059	45.861	2247.	
2462	1.899	1.720	34.754	4.59	89.8	2.10	30.50	0.01	27.804	27.818	37.061	45.864	2497.	
2713	1.906	1.704	34.754	4.60	90.1	2.10	30.60	0.01	27.804	27.819	37.063	45.867	2753.	
2956	1.694	1.472	34.744	4.61	97.4	2.15	31.10	0.01	27.812	27.828	37.085	45.902	3001.	
3152	1.413	1.179	34.730	4.68	105.1	2.18	31.70	0.00	27.821	27.838	37.111	45.944	3201.	B8

SHIP AT CRUISE 107 STATION 44
START 41 57.90 S 56 56.03 W AT 648 79/12/22
WIND = 4M/S COR. DEPTH = 1679M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	9.939	9.939	34.086	6.73	26.268	26.268	30.746	35.116	39.384	43.554	176.0	0.000	0.000	- 0
10	9.185	9.184	34.100	7.28	26.404	26.404	30.898	35.284	39.567	43.753	163.4	.017	6.500	10.1
20	8.211	8.209	34.113	7.49	26.567	26.567	31.083	35.491	39.794	43.999	148.1	.033	7.157	20.1
30	7.502	7.499	34.122	7.51	26.678	26.678	31.211	35.635	39.954	44.174	137.7	.047	5.924	30.2
40	6.698	6.695	34.142	7.43	26.805	26.806	31.358	35.800	40.137	44.374	125.7	.060	6.342	40.3
50	6.143	6.139	34.156	7.27	26.889	26.889	31.455	35.911	40.260	44.508	117.9	.072	5.137	50.3
60	5.430	5.425	34.156	7.21	26.978	26.978	31.562	36.034	40.401	44.665	109.5	.084	5.303	60.4
70	5.004	4.999	34.151	7.05	27.024	27.024	31.619	36.102	40.479	44.753	105.2	.094	3.833	70.5
80	4.767	4.761	34.140	6.95	27.042	27.043	31.644	36.133	40.515	44.795	103.5	.105	2.437	80.5
90	4.563	4.556	34.137	6.89	27.062	27.063	31.669	36.164	40.551	44.836	101.7	.115	2.550	90.6
100	4.440	4.432	34.139	6.96	27.077	27.078	31.688	36.185	40.575	44.863	100.3	.125	2.186	100.7
120	4.296	4.287	34.149	6.95	27.101	27.102	31.715	36.216	40.610	44.901	98.2	.145	1.947	120.8
140	4.245	4.235	34.162	6.81	27.116	27.117	31.732	36.234	40.629	44.921	97.0	.164	1.555	141.0
160	4.106	4.095	34.156	6.83	27.126	27.127	31.745	36.251	40.650	44.945	96.2	.184	1.294	161.1
180	4.060	4.047	34.159	6.73	27.133	27.135	31.754	36.261	40.660	44.957	95.6	.203	1.092	181.3
200	3.896	3.882	34.145	6.83	27.139	27.140	31.765	36.276	40.679	44.980	95.2	.222	1.020	201.4
220	3.865	3.850	34.148	6.83	27.144	27.146	31.771	36.283	40.687	44.989	94.9	.241	.932	221.6
240	3.759	3.743	34.149	6.76	27.156	27.157	31.785	36.300	40.707	45.011	93.9	.260	1.384	241.8
260	3.712	3.695	34.148	6.76	27.160	27.162	31.790	36.307	40.715	45.020	93.6	.279	.849	261.9
280	3.686	3.667	34.151	6.67	27.165	27.167	31.796	36.313	40.722	45.028	93.3	.297	.892	282.1
300	3.619	3.599	34.152	6.68	27.172	27.174	31.806	36.325	40.735	45.043	92.7	.316	1.154	302.2
320	3.548	3.527	34.153	6.62	27.180	27.182	31.815	36.335	40.748	45.057	92.1	.334	1.105	322.4
340	3.482	3.459	34.155	6.54	27.188	27.190	31.825	36.347	40.762	45.073	91.4	.353	1.186	342.6
360	3.328	3.304	34.146	6.55	27.195	27.198	31.837	36.364	40.782	45.096	90.7	.371	1.185	362.7
380	3.206	3.181	34.150	6.47	27.210	27.213	31.855	36.385	40.807	45.124	89.3	.389	1.602	382.9
400	3.160	3.134	34.156	6.38	27.219	27.221	31.865	36.396	40.819	45.137	88.6	.407	1.192	403.1
450	3.204	3.174	34.195	6.12	27.246	27.249	31.892	36.421	40.842	45.159	86.5	.451	1.300	453.6
500	3.106	3.073	34.205	5.90	27.263	27.266	31.912	36.444	40.867	45.187	85.1	.493	1.082	504.0
550	3.023	2.987	34.240	5.69	27.299	27.302	31.950	36.484	40.909	45.231	81.9	.535	1.520	554.5
600	2.848	2.809	34.254	5.48	27.326	27.329	31.981	36.520	40.950	45.276	79.5	.576	1.364	605.0
650	2.807	2.765	34.292	5.23	27.359	27.363	32.016	36.556	40.986	45.313	76.6	.615	1.467	655.5
700	2.762	2.717	34.324	5.02	27.389	27.393	32.047	36.588	41.020	45.347	74.0	.652	1.390	706.0
750	2.712	2.664	34.362	4.81	27.424	27.428	32.084	36.625	41.058	45.387	71.0	.688	1.496	756.5
800	2.588	2.537	34.396	4.64	27.462	27.466	32.125	36.669	41.105	45.437	67.5	.723	1.590	807.1
900	2.590	2.532	34.459	4.35	27.512	27.516	32.175	36.719	41.155	45.486	63.4	.769	1.367	908.2
1000	2.500	2.435	34.507	4.16	27.557	27.563	32.223	36.770	41.208	45.541	59.4	.850	1.027	1009.4
1100	2.391	2.320	34.570	4.02	27.617	27.623	32.287	36.836	41.276	45.612	54.1	.906	1.323	1110.6
1200	2.338	2.259	34.594	3.98	27.641	27.647	32.312	36.863	41.304	45.641	52.3	.960	.928	1211.9
1300	2.315	2.229	34.602	3.99	27.649	27.656	32.322	36.873	41.315	45.653	52.0	1.012	.474	1313.2
1400	2.298	2.205	34.611	4.03	27.657	27.665	32.331	36.883	41.326	45.664	51.7	1.064	.582	1414.6
1500	2.289	2.188	34.628	4.08	27.672	27.680	32.347	36.900	41.342	45.681	50.8	1.115	.734	1516.0
1600	2.279	2.169	34.640	4.02	27.683	27.692	32.359	36.911	41.355	45.694	50.2	1.165	.313	1617.5
1639	2.279	2.167	34.642	4.04	27.684	27.693	32.360	36.913	41.357	45.695	50.3	1.185	.360	1658.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	10.472	10.472	34.089	6.99	1.0	1.00	13.90	0.21	26.179	26.179	35.004	43.421	0.	
10	9.647	9.646	34.099	7.02	0.9	0.99	13.80	0.19	26.328	26.328	35.188	43.638	10.	
23	8.606	8.604	34.111	7.23	1.1	1.00	14.00	0.15	26.504	26.505	35.411	43.903	23.	
38	7.839	7.835	34.124	7.24	1.5	1.08	14.70	0.15	26.630	26.631	35.572	44.096	39.	
53	7.584	7.579	34.123	7.22	1.8	1.12	15.40	0.16	26.667	26.667	35.620	44.156	54.	
93	5.715	5.708	34.160	6.93	6.2	1.50	19.80	0.29	26.946	26.947	35.989	44.607	94.	
143	4.274	4.264	34.154	6.88	10.5	1.68	23.70	0.20	27.107	27.108	36.223	44.909	145.	
188	4.089	4.076	34.159	6.89	11.9	1.70	24.40	0.04	27.130	27.132	36.257	44.951	190.	
240	3.859	3.843	34.151	6.84	12.5	1.72	24.80	0.02	27.147	27.149	36.286	44.993	243.	
292	3.702	3.682	34.151	6.71	14.4	1.78	25.70	0.01	27.163	27.165	36.311	45.025	295.	
387	3.271	3.246	34.149	6.38	19.9	1.90	27.70	0.01	27.203	27.206	36.375	45.110	391.	
492	3.096	3.064	34.196	5.92	28.1	2.04	29.90	0.01	27.257	27.260	36.438	45.182	497.	
586	2.855	2.818	34.254	5.38	38.0	2.17	31.90	0.01	27.325	27.328	36.519	45.274	592.	
685	2.764	2.720	34.319	4.92	47.9	2.28	33.20	0.01	27.385	27.389	36.583	45.343	692.	
787	2.601	2.550	34.380	4.58	56.3	2.35	34.40	0.01	27.448	27.452	36.655	45.422	795.	
880	2.625	2.568	34.437	4.34	61.2	2.36	34.40	0.01	27.491	27.496	36.697	45.462	890.	
981	2.508	2.444	34.503	4.13	69.6	2.38	34.80	0.01	27.554	27.559	36.766	45.536	991.	
1081	2.406	2.336	34.560	4.10	77.6	2.39	34.80	0.01	27.608	27.614	36.826	45.601	1093.	
1183	2.361	2.284	34.585	4.01	80.5	2.37	34.90	0.01	27.632	27.638	36.852	45.630	1197.	
1279	2.320	2.235	34.601	4.06	82.6	2.38	34.60	0.01	27.648	27.655	36.872	45.651	1294.	
1379	2.299	2.207	34.613	4.03	83.3	2.37	34.50	0.00	27.659	27.667	36.885	45.666	1395.	
1480	2.288	2.188	34.631	4.06	83.4	2.35	34.30	0.01	27.674	27.683	36.901	45.683	1497.	
1576	2.276	2.169	34.637	4.06	83.9	2.33	34.00	0.01	27.680	27.689	36.909	45.691	1595.	
1634	2.280	2.168	34.645	4.03	84.0	2.33	34.00	0.01	27.686	27.696	36.915	45.697	1654.	

SHIP AT CRUISE 107 STATION 45
START 41 59.39 S 57 30.56 W AT 1045 79/12/22
WIND = 5M/S COR. DEPTH = 1198M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	10.800	10.800	34.053	6.32	26.093	26.093	30.553	34.905	39.156	43.310	192.6	0.000	0.000	- .0
10	9.843	9.842	34.067	7.13	26.270	26.270	30.750	35.122	39.392	43.564	176.1	.018	7.421	10.1
20	8.280	8.278	34.080	7.34	26.530	26.530	31.045	35.451	39.754	43.958	151.6	.035	9.048	20.1
30	7.558	7.555	34.093	7.44	26.647	26.648	31.180	35.602	39.920	44.139	140.6	.049	6.078	30.2
40	6.844	6.841	34.088	7.43	26.743	26.744	31.293	35.732	40.066	44.300	131.6	.063	5.501	40.3
50	6.286	6.282	34.106	7.39	26.831	26.832	31.394	35.847	40.193	44.439	123.3	.076	5.278	50.3
60	6.181	6.176	34.107	7.32	26.846	26.847	31.412	35.867	40.216	44.464	122.1	.088	2.163	60.4
70	5.465	5.459	34.115	7.27	26.941	26.942	31.525	35.997	40.362	44.627	113.1	.100	5.490	70.5
80	5.001	4.995	34.126	7.16	27.004	27.005	31.600	36.083	40.460	44.735	107.1	.111	4.485	80.5
90	4.841	4.834	34.137	7.05	27.031	27.032	31.631	36.118	40.498	44.777	104.7	.121	2.917	90.6
100	4.790	4.782	34.140	6.92	27.039	27.040	31.640	36.129	40.510	44.790	104.0	.132	1.613	100.7
120	4.666	4.657	34.157	6.80	27.067	27.068	31.671	36.163	40.548	44.830	101.6	.152	2.108	120.8
140	4.656	4.646	34.161	6.69	27.071	27.072	31.676	36.167	40.552	44.835	101.4	.173	.799	141.0
160	4.643	4.631	34.170	6.66	27.080	27.081	31.685	36.177	40.562	44.845	100.8	.193	1.182	161.1
180	4.614	4.601	34.177	6.60	27.089	27.090	31.695	36.188	40.573	44.857	100.1	.213	1.206	181.3
200	4.553	4.539	34.179	6.64	27.097	27.098	31.704	36.199	40.586	44.871	99.5	.233	1.159	201.4
220	4.487	4.471	34.178	6.59	27.103	27.105	31.713	36.209	40.598	44.884	99.1	.253	1.027	221.6
240	4.422	4.405	34.176	6.63	27.109	27.110	31.720	36.218	40.609	44.897	98.7	.273	.987	241.7
260	4.373	4.354	34.176	6.66	27.113	27.116	31.727	36.226	40.618	44.907	98.4	.292	.921	261.9
280	4.335	4.315	34.174	6.62	27.116	27.118	31.731	36.231	40.623	44.914	98.3	.312	.703	282.1
300	4.270	4.249	34.172	6.65	27.122	27.124	31.738	36.240	40.634	44.926	98.0	.332	.967	302.2
320	4.164	4.141	34.169	6.66	27.130	27.133	31.749	36.254	40.651	44.945	97.2	.351	1.240	322.4
340	4.091	4.067	34.163	6.65	27.133	27.136	31.755	36.262	40.660	44.957	97.1	.371	.785	342.6
360	4.064	4.038	34.167	6.63	27.139	27.142	31.761	36.269	40.668	44.965	96.7	.390	.983	362.7
380	3.925	3.899	34.163	6.58	27.151	27.153	31.777	36.288	40.691	44.991	95.7	.409	1.414	382.9
400	3.852	3.824	34.163	6.60	27.158	27.160	31.786	36.299	40.704	45.006	95.1	.428	1.109	403.1
450	3.724	3.693	34.163	6.54	27.170	27.174	31.802	36.319	40.727	45.032	94.2	.476	.957	453.5
500	3.623	3.589	34.197	6.27	27.208	27.211	31.843	36.361	40.772	45.079	90.9	.522	1.558	504.0
550	3.423	3.386	34.201	6.03	27.231	27.234	31.871	36.395	40.811	45.123	88.9	.567	1.273	554.5
600	3.353	3.313	34.213	5.90	27.247	27.251	31.889	36.415	40.832	45.146	87.7	.611	1.046	604.9
650	3.202	3.159	34.215	5.79	27.262	27.266	31.909	36.439	40.860	45.178	86.3	.654	1.064	655.4
700	2.977	2.931	34.227	5.66	27.293	27.297	31.946	36.462	40.908	45.232	83.4	.697	1.477	706.0
750	2.889	2.840	34.251	5.52	27.319	27.324	31.975	36.513	40.942	45.267	81.1	.738	1.336	756.5
800	2.854	2.802	34.291	5.26	27.355	27.359	32.011	36.550	40.980	45.305	78.0	.778	1.502	807.0
900	2.780	2.721	34.355	4.76	27.412	27.418	32.072	36.612	41.043	45.370	73.0	.853	1.163	908.1
1000	2.724	2.658	34.397	4.53	27.451	27.456	32.111	36.653	41.086	45.414	70.0	.925	1.388	1009.3
1100	2.728	2.654	34.399	4.50	27.452	27.458	32.114	36.655	41.088	45.417	70.4	.995	.254	1110.5
1192	2.665	2.584	34.440	4.29	27.490	27.497	32.154	36.697	41.132	45.461	67.2	1.059	1.628	1204.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	10.889	10.889	34.044	6.85	0.7	0.82	11.00	0.16	26.071	26.071	34.879	43.280	0.	
14	9.230	9.229	34.081	7.13	0.9	0.94	12.80	0.14	26.382	26.382	35.261	43.728	15.	
41	6.884	6.880	34.100	7.19	1.6	1.20	15.70	0.13	26.747	26.748	35.734	44.300	41.	
93	4.814	4.807	34.139	6.86	6.8	1.60	21.50	0.22	27.036	27.037	36.124	44.784	94.	
139	4.644	4.633	34.171	6.79	9.0	1.63	22.90	0.06	27.080	27.081	36.177	44.845	141.	
189	4.570	4.556	34.181	6.70	10.2	1.64	23.40	0.03	27.096	27.098	36.198	44.869	191.	
288	4.287	4.266	34.174	6.70	11.5	1.70	24.10	0.02	27.121	27.124	36.239	44.924	291.	
388	3.961	3.933	34.166	6.56	14.0	1.76	25.30	0.01	27.149	27.152	36.284	44.986	392.	
489	3.782	3.747	34.188	6.17	20.2	1.88	26.90	0.02	27.185	27.188	36.330	45.040	494.	
589	3.379	3.338	34.206	5.85	26.9	2.02	29.20	0.01	27.238	27.242	36.405	45.135	595.	
689	3.100	3.054	34.223	5.68	31.9	2.08	30.40	0.01	27.278	27.282	36.461	45.204	696.	
796	2.872	2.819	34.295	5.10	43.3	2.24	32.70	0.01	27.356	27.361	36.550	45.305	804.	
887	2.779	2.721	34.363	4.72	52.2	2.32	33.70	0.01	27.419	27.424	36.618	45.376	897.	
980	2.755	2.690	34.377	4.63	54.5	2.34	34.00	0.01	27.432	27.438	36.633	45.393	991.	
1070	2.727	2.655	34.393	4.53	57.5	2.35	34.20	0.01	27.447	27.453	36.650	45.412	1082.	
1166	2.678	2.599	34.432	4.38	61.9	2.38	34.60	0.01	27.482	27.489	36.689	45.452	1179.	B8

SHIP AT CRUISE 107 STATION 46
 START 41 59.20 N 57 52.80 E AT 1417 79/12/22
 WIND = 5M/S COR. DEPTH = 393M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.147	12.147	33.837	6.32	25.677	25.677	30.110	34.437	38.663	42.794	232.1	0.000	0.000	- .0
10	11.766	11.765	33.834	7.49	25.747	25.747	30.188	34.523	38.756	42.893	225.8	.023	4.671	10.1
20	9.518	9.516	33.818	8.00	26.130	26.130	30.619	35.000	39.278	43.459	189.6	.044	10.964	20.1
30	7.644	7.642	33.839	7.80	26.435	26.435	30.967	35.389	39.708	43.926	160.7	.061	9.809	30.2
40	6.526	6.522	33.871	7.43	26.615	26.615	31.174	35.622	39.965	44.207	143.7	.076	7.530	40.3
50	6.245	6.240	33.885	6.98	26.662	26.663	31.228	35.683	40.032	44.281	139.4	.091	3.872	50.3
60	6.066	6.060	33.898	6.71	26.696	26.696	31.266	35.725	40.078	44.330	136.3	.104	3.247	60.4
70	5.946	5.940	33.917	6.57	26.726	26.727	31.299	35.761	40.117	44.372	133.5	.118	3.100	70.5
80	5.851	5.844	33.941	6.49	26.757	26.757	31.332	35.796	40.154	44.411	130.7	.131	3.120	80.5
90	5.718	5.711	33.958	6.62	26.786	26.787	31.365	35.832	40.193	44.453	128.1	.144	3.045	90.6
100	5.590	5.582	33.957	6.54	26.801	26.802	31.383	35.853	40.217	44.480	126.8	.157	2.184	100.7
120	5.452	5.442	33.978	6.42	26.834	26.835	31.420	35.893	40.261	44.526	123.8	.182	2.300	120.8
140	5.369	5.358	34.005	6.37	26.865	26.867	31.454	35.929	40.298	44.565	121.0	.206	2.236	141.0
160	5.351	5.338	34.010	6.41	26.872	26.873	31.460	35.936	40.305	44.573	120.7	.230	1.007	161.1
180	5.272	5.257	34.025	6.43	26.893	26.895	31.484	35.961	40.332	44.602	118.9	.254	1.844	181.3
200	5.254	5.238	34.028	6.47	26.897	26.899	31.489	35.967	40.338	44.608	118.7	.278	.860	201.4
220	5.250	5.232	34.029	6.46	26.899	26.901	31.491	35.969	40.340	44.611	118.7	.302	.549	221.6
240	5.184	5.165	34.043	6.50	26.918	26.920	31.511	35.991	40.364	44.636	117.2	.325	1.735	241.7
260	5.091	5.071	34.059	6.54	26.941	26.943	31.537	36.019	40.394	44.668	115.2	.349	1.934	261.9
280	4.794	4.772	34.116	6.57	27.020	27.022	31.623	36.112	40.494	44.774	107.8	.371	3.554	282.1
300	4.767	4.744	34.123	6.54	27.028	27.031	31.632	36.122	40.504	44.785	107.1	.393	1.183	302.2
320	4.735	4.711	34.128	6.59	27.036	27.039	31.641	36.132	40.515	44.796	106.6	.414	1.138	322.4
340	4.711	4.686	34.133	6.56	27.042	27.045	31.648	36.139	40.523	44.805	106.2	.435	1.025	342.6
360	4.700	4.672	34.138	6.62	27.048	27.051	31.654	36.145	40.529	44.812	105.9	.456	.933	362.7
380	4.696	4.667	34.139	6.65	27.049	27.052	31.656	36.147	40.531	44.813	105.9	.478	.510	382.9
390	4.696	4.666	34.138	6.67	27.048	27.052	31.655	36.147	40.531	44.813	106.1	.488	-.451	393.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	12.183	12.183	33.836	7.31	0.7	0.34	1.90	0.09	25.670	25.670	34.428	42.784	0.	
24	9.937	9.934	33.818	7.55	1.2	0.50	4.10	0.10	26.060	26.060	34.912	43.354	25.	
56	6.145	6.140	33.889	6.30	3.8	1.47	16.80	0.15	26.678	26.679	35.704	44.306	56.	
89	5.626	5.619	33.964	6.53	4.3	1.56	19.10	0.20	26.802	26.803	35.853	44.477	90.	
195	5.253	5.237	34.030	6.57	5.9	1.60	21.20	0.17	26.899	26.901	35.969	44.610	197.	
286	4.994	4.972	34.087	6.59	7.7	1.63	22.40	0.13	26.974	26.977	36.057	44.710	289.	
357	4.699	4.672	34.149	6.59	9.7	1.66	23.30	0.08	27.057	27.060	36.154	44.820	360.	

SHIP AT CRUISE 107 STATION 47
 START 41 57.30 S 58 23.20 W AT 1707 79/12/22
 WIND = 14M/S COR. DEPTH = 92M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.266	14.266	33.652	6.70	25.109	25.109	29.502	33.790	37.979	42.073	286.1	0.000	0.000	- .0
10	12.625	12.624	33.652	7.23	25.442	25.443	29.867	34.186	38.404	42.528	254.7	.027	10.198	10.1
20	11.464	11.461	33.666	7.51	25.673	25.674	30.122	34.463	38.704	42.848	233.0	.051	8.520	20.1
30	9.146	9.143	33.739	7.78	26.129	26.129	30.627	35.017	39.303	43.492	189.9	.073	11.976	30.2
40	7.654	7.650	33.780	7.40	26.387	26.388	30.920	35.343	39.661	43.880	165.4	.090	9.032	40.2
50	6.617	6.613	33.753	6.65	26.510	26.511	31.068	35.515	39.856	44.098	153.8	.106	6.234	50.3
60	6.416	6.410	33.760	6.04	26.542	26.543	31.105	35.556	39.903	44.148	150.9	.122	3.173	60.4
70	6.397	6.391	33.758	5.83	26.543	26.544	31.107	35.559	39.905	44.151	150.9	.137	.632	70.4
80	6.392	6.385	33.757	5.70	26.543	26.544	31.106	35.559	39.906	44.152	151.1	.152	-.282	80.5
87	6.388	6.380	33.757	5.64	26.543	26.544	31.107	35.560	39.907	44.153	151.2	.163	.502	88.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	14.330	14.330	33.656	6.71	0.5	0.12	0.10	0.00	25.099	25.099	33.777	42.058	0.	B1
39	7.599	7.595	33.785	6.37	1.4	1.06	9.80	0.06	26.399	26.400	35.357	43.896	40.	
87	6.392	6.384	33.762	5.59	2.5	1.56	15.20	0.06	26.547	26.548	35.563	44.156	89.	

SHIP AT CRUISE 107 STATION 48
 START 42 57 S 58 58.35 W AT 1955 79/12/22
 WIND = 26M/S COR. DEPTH = 84M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.029	15.029	33.573	6.27	24.885	24.885	29.263	33.539	37.715	41.797	307.5	0.000	0.000	- .0
10	13.629	13.627	33.614	7.74	25.212	25.212	29.617	33.917	38.118	42.223	276.7	.029	10.103	10.1
20	12.198	12.195	33.631	8.27	25.509	25.509	29.942	34.270	38.496	42.627	248.7	.055	9.660	20.1
30	9.705	9.702	33.612	8.53	25.938	25.939	30.425	34.804	39.080	43.258	208.0	.078	11.633	30.2
40	8.467	8.462	33.663	7.17	26.176	26.176	30.690	35.095	39.397	43.600	185.6	.098	8.649	40.2
50	7.869	7.864	33.659	7.63	26.261	26.262	30.790	35.209	39.523	43.738	177.5	.116	5.210	50.3
60	7.238	7.233	33.706	6.08	26.388	26.389	30.932	35.365	39.693	43.921	165.6	.133	6.334	60.4
70	7.233	7.226	33.705	5.37	26.389	26.390	30.932	35.365	39.694	43.922	165.7	.150	.355	70.4
80	7.219	7.212	33.708	5.02	26.393	26.394	30.937	35.370	39.699	43.927	165.4	.166	1.186	80.5
81	7.222	7.214	33.707	4.97	26.391	26.393	30.935	35.369	39.697	43.926	165.6	.169	-1.808	82.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	15.067	15.067	33.578	6.11	0.9	0.24	0.10	0.00	24.881	24.881	33.533	41.790	0.	
39	8.577	8.573	33.580	5.63	2.6	1.08	10.00	0.41	26.093	26.094	35.009	43.510	40.	B9
80	7.225	7.217	33.707	5.09	5.7	1.63	19.30	0.21	26.391	26.392	35.368	43.925	82.	

SHIP AT CRUISE 107 STATION 49
START 40 31.44 S 53 32.39 W AT 1722 79/12/23
WIND = 3M/S COR. DEPTH = 5070M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.522	17.522	34.212	6.21	24.803	24.803	29.134	33.362	37.493	41.531	315.3	0.000	0.000	- 0
10	17.318	17.316	34.191	6.27	24.836	24.836	29.170	33.402	37.537	41.578	312.4	0.031	3.223	10.1
20	16.567	16.564	34.179	6.67	25.004	25.005	29.352	33.596	37.743	41.796	296.8	0.062	7.275	20.1
30	12.661	12.657	34.007	8.26	25.710	25.710	30.131	34.447	38.663	42.783	229.8	0.088	14.906	30.2
40	10.803	10.798	33.855	7.88	25.939	25.940	30.401	34.754	39.007	43.162	208.2	0.110	8.513	40.2
50	10.593	10.587	33.993	7.11	26.083	26.084	30.549	34.906	39.161	43.320	194.7	0.130	6.736	50.3
60	10.349	10.342	34.041	6.58	26.163	26.164	30.633	34.995	39.255	43.418	187.3	0.149	5.019	60.3
70	11.575	11.567	34.489	6.17	26.290	26.292	30.732	35.066	39.299	43.436	175.6	0.167	6.287	70.4
80	11.070	11.060	34.476	5.94	26.373	26.375	30.826	35.170	39.413	43.559	167.9	0.185	5.128	80.5
90	11.012	11.001	34.532	5.69	26.428	26.430	30.881	35.226	39.470	43.617	163.0	0.201	4.142	90.5
100	9.893	9.882	34.383	4.97	26.507	26.509	30.986	35.355	39.622	43.792	155.4	0.217	5.074	100.6
120	10.995	10.981	34.792	4.92	26.632	26.635	31.085	35.429	39.671	43.817	144.3	0.247	4.388	120.7
140	8.470	8.456	34.358	5.34	26.718	26.721	31.230	35.630	39.927	44.125	135.9	0.275	3.820	140.9
160	6.324	6.310	33.981	5.77	26.728	26.730	31.293	35.745	40.092	44.338	134.6	0.302	1.649	161.0
180	8.200	8.182	34.414	5.62	26.804	26.807	31.321	35.727	40.030	44.233	128.5	0.328	3.275	181.2
200	7.883	7.863	34.399	5.50	26.840	26.843	31.365	35.778	40.087	44.297	125.3	0.354	2.423	201.3
220	6.966	6.945	34.281	5.68	26.878	26.881	31.426	35.861	40.192	44.422	121.6	0.379	2.608	221.5
240	6.704	6.682	34.285	5.68	26.917	26.920	31.471	35.912	40.249	44.484	118.1	0.402	2.498	241.6
260	6.817	6.793	34.332	5.70	26.939	26.942	31.491	35.929	40.262	44.495	116.4	0.426	1.847	261.8
280	6.696	6.671	34.342	5.65	26.963	26.967	31.518	35.959	40.295	44.531	114.3	0.449	1.987	281.9
300	6.125	6.099	34.290	5.74	26.997	27.000	31.566	36.021	40.370	44.619	111.0	0.472	2.434	302.1
320	5.684	5.657	34.245	5.95	27.017	27.021	31.598	36.064	40.424	44.683	109.1	0.494	1.942	322.2
340	5.345	5.317	34.218	6.04	27.037	27.040	31.626	36.101	40.469	44.736	107.2	0.515	1.865	342.4
360	4.947	4.919	34.176	6.18	27.050	27.054	31.650	36.135	40.513	44.789	105.8	0.536	1.653	362.6
380	4.971	4.941	34.193	6.27	27.061	27.064	31.660	36.144	40.522	44.797	105.1	0.558	1.278	382.7
400	4.822	4.791	34.188	6.34	27.074	27.077	31.677	36.165	40.546	44.825	103.9	0.578	1.507	402.9
450	4.645	4.610	34.187	6.51	27.093	27.097	31.701	36.194	40.579	44.862	102.5	0.630	1.155	453.4
500	4.565	4.527	34.202	6.48	27.113	27.118	31.724	36.219	40.606	44.891	101.0	0.681	1.171	503.8
550	4.267	4.226	34.178	6.58	27.126	27.131	31.745	36.248	40.643	44.935	99.8	0.731	1.046	554.3
600	4.077	4.033	34.173	6.62	27.143	27.147	31.767	36.274	40.674	44.971	98.5	0.781	1.110	604.8
650	3.972	3.924	34.186	6.50	27.164	27.169	31.791	36.301	40.704	45.003	96.8	0.830	1.201	655.2
700	3.901	3.850	34.193	6.37	27.177	27.182	31.806	36.318	40.722	45.024	95.9	0.878	0.957	705.7
750	3.717	3.663	34.194	6.32	27.196	27.201	31.831	36.347	40.756	45.062	94.1	0.925	1.195	756.3
800	3.541	3.484	34.193	6.23	27.213	27.218	31.852	36.374	40.787	45.097	92.6	0.972	1.138	806.8
900	3.304	3.241	34.218	5.99	27.255	27.261	31.902	36.430	40.849	45.164	88.9	1.063	1.266	907.9
1000	3.038	2.969	34.253	5.66	27.307	27.313	31.961	36.496	40.922	45.243	84.1	1.149	1.372	1009.0
1100	2.916	2.841	34.295	5.39	27.352	27.359	32.010	36.547	40.976	45.301	80.2	1.232	1.390	1110.2
1200	2.891	2.808	34.367	4.94	27.412	27.419	32.070	36.608	41.037	45.362	75.2	1.309	1.312	1211.5
1300	2.756	2.666	34.415	4.64	27.462	27.470	32.125	36.666	41.098	45.427	70.7	1.382	1.247	1312.8
1400	2.840	2.741	34.493	4.41	27.517	27.526	32.178	36.716	41.146	45.472	66.5	1.451	1.312	1414.1
1500	2.999	2.890	34.583	4.25	27.574	27.584	32.231	36.765	41.191	45.512	62.4	1.515	1.345	1515.5
1600	3.165	3.045	34.667	4.36	27.626	27.637	32.279	36.808	41.229	45.546	59.0	1.576	1.161	1617.0
1700	3.270	3.140	34.720	4.48	27.658	27.671	32.310	36.836	41.254	45.568	57.1	1.634	1.022	1718.5
1800	3.148	3.010	34.742	4.46	27.687	27.700	32.342	36.872	41.293	45.610	54.7	1.690	1.069	1820.1
1900	3.088	2.942	34.768	4.56	27.713	27.727	32.371	36.902	41.325	45.643	52.7	1.744	0.922	1921.7
2000	3.271	3.112	34.829	4.78	27.745	27.760	32.399	36.925	41.343	45.657	51.4	1.796	0.869	2023.4
2100	3.254	3.086	34.855	4.98	27.767	27.783	32.423	36.949	41.367	45.681	50.0	1.847	1.030	2125.1
2200	3.152	2.976	34.862	5.13	27.782	27.799	32.442	36.971	41.392	45.709	48.7	1.896	0.826	2226.8
2300	3.113	2.928	34.872	5.24	27.794	27.811	32.455	36.986	41.408	45.726	48.1	1.945	0.686	2328.6
2400	3.075	2.881	34.888	5.33	27.810	27.828	32.473	37.005	41.428	45.747	47.1	1.992	0.857	2430.5
2500	2.952	2.750	34.880	5.41	27.815	27.834	32.482	37.017	41.444	45.766	46.6	2.039	0.655	2532.4
2600	2.842	2.632	34.877	5.30	27.823	27.842	32.494	37.032	41.462	45.787	45.8	2.085	0.743	2634.4
2700	2.753	2.535	34.880	5.42	27.833	27.852	32.507	37.048	41.480	45.808	45.0	2.131	0.747	2736.4
2800	2.636	2.409	34.874	5.41	27.839	27.859	32.517	37.061	41.497	45.827	44.2	2.176	0.797	2838.4
2900	2.343	2.113	34.836	5.37	27.834	27.853	32.520	37.072	41.516	45.854	43.2	2.219	0.636	2940.5
2961	2.261	2.026	34.830	5.21	27.836	27.855	32.524	37.079	41.525	45.866	42.8	2.245	0.735	3003.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
0	18.454	18.454	34.159	5.89	3.1	0.48	1.50	0.17	24.534	24.534	33.063	41.204	0.	B1
27	14.573	14.569	34.159	5.89	3.2	0.48	1.50	0.17	25.434	25.435	34.098	42.364	27.	
55	9.721	9.715	33.937	5.14	5.2	1.32	14.80	0.01	26.189	26.190	35.050	43.499	56.	
103	11.495	11.482	34.703	5.13	5.2	1.03	11.80	0.01	26.472	26.474	35.249	43.619	104.	B1
145	10.085	10.068	34.645	5.39	5.4	1.16	14.70	0.11	26.679	26.682	35.516	43.941	147.	
196	5.684	5.668	33.980	6.57	5.5	1.52	18.80	0.21	26.808	26.810	35.857	44.479	198.	
294	6.124	6.098	34.278	6.17	8.8	1.59	22.10	0.01	26.988	26.991	36.012	44.611	297.	
405	4.911	4.879	34.210	6.44	11.0	1.68	23.60	0.05	27.081	27.085	36.168	44.823	409.	
492	4.463	4.426	34.200	6.49	12.6	1.71	24.20	0.00	27.123	27.127	36.233	44.910	497.	
591	4.112	4.069	34.179	6.43	15.6	1.78	25.50	0.00	27.144	27.148	36.273	44.968	597.	
688	3.886	3.836	34.185	6.23	18.5	1.86	26.70	0.00	27.172	27.177	36.314	45.020	695.	
796	3.642	3.585	34.220	5.95	23.2	1.96	28.20	0.00	27.224	27.230	36.380	45.097	805.	B1
887	3.573	3.509	34.244	5.56	28.1	2.04	29.60	0.00	27.250	27.256	36.410	45.131	896.	
985	3.195	3.126	34.261	5.42	33.8	2.12	30.70	0.00	27.300	27.306	36.480	45.219	996.	
1180	2.802	2.721	34.332	4.87	49.3	2.28	33.00	0.00	27.392	27.399	36.593	45.352	1193.	
1379	2.919	2.821	34.513	4.36	56.9	2.29	33.20	0.00	27.526	27.534	36.721	45.472	1395.	B1
1577	3.101	2.983	34.638	4.41	54.4	2.11	31.10	0.00	27.609	27.619	36.795	45.536	1596.	
1775	3.005	2.872	34.718	4.50	58.1	2.04	30.20	0.00	27.681	27.693	36.873	45.619	1797.	
1972	3.203	3.050	34.801	4.87	47.8	1.82	26.80	0.00	27.729	27.743	36.912	45.647	1997.	B1
2157	3.207	3.034	34.886	5.20	41.7	1.67	24.40	0.00	27.796	27.812	36.981	45.716	2186.	
2367	3.066	2.875	34.896	5.37	42.5	1.63	23.90	0.00	27.817	27.835	37.012	45.754	2399.	
2542	2.881	2.676	34.866	5.42	45.4	1.62	23.80	0.00	27.811	27.829	37.017	45.770	2578.	B1
2746	2.650	2.429	34.898	5.40	50.0	1.64	24.00	0.00	27.857	27.876	37.077	45.842	2786.	
2947	2.285	2.051	34.831	5.19	62.8	1.77	25.80	0.00	27.835	27.854	37.077	45.862	2991.	

SHIP AT CRUISE 107 STATION 50
START 41 3.48 S 53 29.96 W AT 2213 79/12/23
WIND = 3M/S COR. DEPTH = 5686M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.146	17.146	34.221	6.22	24.900	24.900	29.237	33.471	37.608	41.652	306.0	0.000	0.000	- 0
10	16.681	16.679	34.220	6.92	25.009	25.009	29.354	33.596	37.740	41.792	296.0	0.030	5.830	10.1
20	14.078	14.075	34.049	8.08	25.454	25.455	29.848	34.137	38.327	42.422	253.9	0.058	11.842	20.1
30	11.332	11.328	33.904	9.20	25.882	25.883	30.332	34.674	38.916	43.061	213.4	0.081	11.608	30.2
40	10.594	10.590	33.918	9.42	26.025	26.026	30.490	34.848	39.104	43.263	200.0	0.102	6.710	40.2
50	9.162	9.157	33.901	9.25	26.252	26.253	30.750	35.138	39.423	43.610	178.5	0.121	8.474	50.3
60	8.570	8.564	34.135	8.65	26.529	26.530	31.038	35.437	39.733	43.931	152.4	0.137	9.328	60.4
70	6.901	6.894	33.976	8.08	26.647	26.648	31.196	35.635	39.969	44.202	141.2	0.152	6.149	70.4
80	6.483	6.476	33.954	7.33	26.686	26.687	31.246	35.695	40.038	44.281	137.5	0.166	3.546	80.5
90	6.151	6.143	33.949	7.25	26.725	26.726	31.294	35.750	40.101	44.351	133.9	0.179	3.533	90.6
100	6.265	6.256	34.019	7.01	26.766	26.767	31.331	35.784	40.132	44.379	130.2	0.193	3.553	100.6
120	8.465	8.452	34.451	6.05	26.792	26.794	31.302	35.702	39.998	44.195	128.6	0.218	1.817	120.8
140	8.063	8.048	34.421	6.01	26.830	26.832	31.350	35.759	40.064	44.270	125.2	0.244	2.492	140.9
160	7.407	7.391	34.367	5.94	26.884	26.886	31.420	35.844	40.164	44.384	120.3	0.268	2.970	161.1
180	6.837	6.820	34.309	5.91	26.918	26.920	31.468	35.906	40.239	44.472	117.1	0.292	2.393	181.2
200	6.217	6.200	34.243	6.08	26.948	26.950	31.514	35.967	40.314	44.561	114.4	0.315	2.264	201.4
220	5.640	5.622	34.207	6.13	26.992	26.995	31.573	36.040	40.401	44.661	110.1	0.338	2.730	221.5
240	5.903	5.883	34.269	5.89	27.008	27.011	31.583	36.043	40.397	44.651	109.0	0.360	1.524	241.7
260	5.351	5.330	34.198	6.07	27.020	27.023	31.609	36.083	40.451	44.718	107.8	0.381	1.560	261.8
280	4.979	4.957	34.170	6.12	27.042	27.044	31.640	36.124	40.501	44.776	105.8	0.403	1.934	282.0
300	4.772	4.749	34.161	6.32	27.058	27.060	31.661	36.150	40.533	44.813	104.3	0.424	1.668	302.2
320	4.735	4.710	34.169	6.34	27.069	27.072	31.673	36.164	40.547	44.828	103.5	0.444	1.344	322.3
340	4.695	4.669	34.176	6.37	27.073	27.081	31.684	36.175	40.559	44.842	102.3	0.465	1.255	342.5
360	4.621	4.593	34.175	6.37	27.086	27.089	31.694	36.187	40.573	44.856	102.2	0.486	1.137	362.7
380	4.595	4.567	34.181	6.37	27.093	27.097	31.702	36.196	40.582	44.867	101.7	0.506	1.117	382.8
400	4.542	4.512	34.179	6.37	27.098	27.101	31.708	36.203	40.591	44.877	101.4	0.526	907	403.0
450	4.338	4.304	34.178	6.39	27.119	27.123	31.735	36.235	40.628	44.919	99.7	0.576	1.216	453.5
500	4.198	4.161	34.177	6.39	27.133	27.137	31.753	36.258	40.654	44.948	98.6	0.626	1.012	503.9
550	4.029	3.989	34.171	6.37	27.146	27.150	31.771	36.279	40.680	44.978	97.7	0.675	978	554.4
600	3.953	3.910	34.181	6.27	27.162	27.166	31.789	36.299	40.702	45.002	96.5	0.724	1.037	604.9
650	4.091	4.043	34.228	5.93	27.185	27.190	31.809	36.316	40.715	45.011	95.0	0.772	1.165	655.4
700	3.954	3.903	34.242	5.61	27.210	27.215	31.838	36.348	40.751	45.050	92.8	0.819	1.317	705.9
750	3.529	3.476	34.206	5.77	27.224	27.229	31.863	36.385	40.798	45.108	91.2	0.865	1.174	756.4
800	3.398	3.342	34.215	5.70	27.244	27.249	31.887	36.412	40.829	45.142	89.4	0.910	1.205	807.0
900	3.135	3.073	34.234	5.48	27.284	27.289	31.935	36.467	40.890	45.209	85.8	0.997	1.185	908.1
1000	2.985	2.916	34.276	5.22	27.331	27.337	31.986	36.522	40.949	45.272	81.7	1.081	1.213	1009.2
1100	2.032	2.956	34.353	4.76	27.388	27.395	32.042	36.576	41.001	45.323	77.2	1.160	1.328	1110.4
1200	2.896	2.813	34.401	4.49	27.438	27.446	32.097	36.634	41.063	45.388	72.7	1.235	1.275	1211.7
1300	2.910	2.818	34.458	4.27	27.482	27.491	32.141	36.678	41.106	45.430	69.3	1.306	1.221	1313.0
1400	2.829	2.730	34.502	4.12	27.525	27.534	32.187	36.726	41.155	45.481	65.7	1.374	1.249	1414.4
1500	2.987	2.877	34.590	4.09	27.581	27.591	32.239	36.773	41.198	45.520	61.7	1.438	1.207	1515.8
1600	3.127	3.008	34.663	4.17	27.626	27.637	32.280	36.810	41.232	45.550	58.8	1.498	1.128	1617.3
1700	3.174	3.045	34.712	4.15	27.661	27.673	32.315	36.844	41.264	45.580	56.5	1.556	1.063	1718.8
1800	3.283	3.143	34.769	4.47	27.696	27.709	32.348	36.873	41.291	45.604	54.5	1.611	1.047	1820.4
1900	3.138	2.991	34.771	4.65	27.711	27.725	32.368	36.898	41.319	45.636	53.1	1.665	852	1922.0
2000	3.128	2.971	34.801	4.72	27.736	27.750	32.394	36.924	41.345	45.663	51.5	1.717	869	2023.7
2100	2.936	2.773	34.787	4.67	27.743	27.758	32.407	36.942	41.368	45.691	50.6	1.768	747	2125.4
2200	3.045	2.871	34.833	4.89	27.769	27.785	32.431	36.963	41.387	45.707	49.4	1.818	814	2227.2
2300	3.062	2.878	34.854	5.03	27.784	27.801	32.446	36.978	41.402	45.722	48.8	1.868	774	2329.0
2400	2.989	2.796	34.858	5.18	27.794	27.812	32.459	36.993	41.419	45.740	48.1	1.916	752	2430.9
2500	2.852	2.652	34.849	5.22	27.799	27.817	32.469	37.007	41.436	45.761	47.5	1.964	707	2532.8
2600	2.846	2.636	34.864	5.32	27.812	27.831	32.483	37.021	41.451	45.776	46.9	2.011	620	2634.8
2700	2.780	2.561	34.869	5.40	27.822	27.841	32.495	37.036	41.467	45.794	46.2	2.057	673	2736.8
2800	2.727	2.499	34.872	5.47	27.829	27.849	32.505	37.047	41.480	45.809	45.8	2.103	611	2838.9
2900	2.498	2.264	34.844	5.36	27.827	27.847	32.509	37.058	41.497	45.832	44.9	2.149	747	2941.0
3000	2.377	2.135	34.834	5.31	27.829	27.849	32.516	37.068	41.510	45.849	44.4	2.194	754	3043.2
3115	2.194	1.945	34.818	5.26	27.832	27.852	32.523	37.081	41.529	45.872	43.3	2.244	682	3161.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	16.975	16.975	33.929	7.65	1.4	0.47	3.10	0.10	24.717	24.717	33.298	41.488	0.	B14
22	11.232	11.229	33.905	7.72	1.3	0.47	3.10	0.09	25.901	25.901	34.697	43.088	22.	
53	8.982	8.977	34.066	7.09	1.3	0.91	10.60	0.13	26.410	26.411	35.301	43.778	54.	
105	8.725	8.714	34.487	5.65	5.0	1.28	16.60	0.12	26.780	26.782	35.677	44.159	107.	
147	7.712	7.697	34.406	5.84	6.4	1.43	19.40	0.01	26.870	26.872	35.815	44.342	149.	
199	6.367	6.349	34.264	6.07	7.6	1.57	21.60	0.08	26.945	26.948	35.957	44.544	201.	
295	5.169	5.146	34.206	6.32	10.0	1.67	23.60	0.01	27.048	27.051	36.120	44.763	298.	
433	4.404	4.372	34.178	6.59	12.3	1.73	24.60	0.00	27.112	27.115	36.225	44.905	437.	
498	4.203	4.167	34.184	6.54	13.7	1.75	25.10	0.01	27.138	27.142	36.262	44.952	503.	
590	4.358	4.313	34.251	5.82	18.5	1.89	27.40	0.00	27.175	27.180	36.291	44.973	596.	
691	3.744	3.695	34.204	6.07	20.6	1.94	28.10	0.00	27.201	27.206	36.350	45.063	698.	
807	3.456	3.399	34.230	5.74	26.2	2.03	29.70	0.00	27.250	27.256	36.415	45.142	815.	BB
888	3.249	3.187	34.248	5.52	31.5	2.10	30.80	0.00	27.284	27.290	36.461	45.197	897.	
985	3.003	2.936	34.279	5.34	37.8	2.18	31.90	0.00	27.332	27.338	36.521	45.270	995.	
1186	2.889	2.807	34.387	4.68	50.8	2.31	33.60	0.00	27.428	27.435	36.624	45.378	1199.	
1378	2.826	2.729	34.498	4.32	59.1	2.32	33.80	0.00	27.522	27.531	36.722	45.478	1394.	BB
1575	3.084	2.967	34.646	4.42	54.3	2.11	31.30	0.00	27.617	27.627	36.803	45.545	1594.	
1774	3.262	3.125	34.746	4.84	47.5	1.94	28.50	0.00	27.679	27.692	36.858	45.591	1797.	D1
1970	3.171	3.016	34.809	4.89	47.7	1.83	27.20	0.00	27.738	27.753	36.923	45.660	1995.	B1
2142	3.008	2.839	34.811	4.91	51.9	1.83	27.00	0.00	27.755	27.770	36.951	45.696	2171.	
2364	3.034	2.844	34.863	5.25	45.3	1.70	24.90	0.00	27.794	27.812	36.991	45.735	2397.	

SHIP AT CRUISE 107 STATION 51
START 41 33.00 S 53 30.10 W AT 250 79/12/24
WIND = 16M/S COR. DEPTH = 5415M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.416	17.416	34.124	5.11	24.761	24.761	29.094	33.324	37.458	41.498	319.2	0.000	0.000	-0
10	17.406	17.405	34.119	6.41	24.760	24.760	29.093	33.324	37.457	41.498	319.7	0.032	-595	10.1
20	16.826	16.822	34.129	7.44	24.905	24.906	29.249	33.489	37.632	41.682	306.1	0.063	6.778	20.1
30	13.328	13.324	34.115	9.29	25.660	25.661	30.068	34.370	38.573	42.681	234.6	0.090	15.409	30.2
40	11.386	11.381	34.071	10.07	26.001	26.002	30.449	34.790	39.029	43.172	202.3	0.112	10.380	40.2
50	10.301	10.295	34.170	9.82	26.272	26.273	30.742	35.104	39.364	43.527	176.8	0.131	9.232	50.3
60	9.161	9.155	34.168	9.70	26.461	26.462	30.957	35.343	39.626	43.812	158.9	0.148	7.735	60.3
70	8.573	8.565	34.168	9.48	26.554	26.555	31.063	35.462	39.757	43.955	150.2	0.163	5.411	70.4
80	7.814	7.806	34.113	8.92	26.626	26.627	31.152	35.569	39.882	44.095	143.5	0.178	4.792	80.5
90	7.767	7.759	34.164	8.30	26.672	26.674	31.200	35.618	39.931	44.144	139.2	0.192	3.842	90.5
100	8.047	8.037	34.281	7.57	26.723	26.724	31.244	35.654	39.960	44.167	134.7	0.206	3.959	100.6
120	8.640	8.627	34.489	6.25	26.794	26.796	31.300	35.696	39.988	44.182	128.4	0.232	3.321	120.8
140	8.119	8.104	34.436	5.72	26.834	26.836	31.352	35.760	40.063	44.268	124.9	0.257	2.531	140.9
160	8.130	8.114	34.488	5.50	26.873	26.875	31.391	35.798	40.101	44.305	121.6	0.282	2.483	161.1
180	7.320	7.303	34.379	5.50	26.905	26.908	31.444	35.870	40.191	44.413	118.5	0.306	2.379	181.2
200	7.462	7.443	34.449	5.34	26.940	26.943	31.475	35.897	40.215	44.434	115.6	0.330	2.322	201.3
220	7.083	7.063	34.414	5.23	26.966	26.969	31.510	35.942	40.269	44.495	113.3	0.352	2.093	221.5
240	6.647	6.625	34.361	5.25	26.985	26.988	31.540	35.982	40.319	44.556	111.6	0.375	1.825	241.7
260	6.087	6.064	34.301	5.33	27.011	27.014	31.580	36.036	40.386	44.635	109.2	0.397	2.147	261.8
280	5.908	5.884	34.298	5.31	27.031	27.034	31.605	36.065	40.420	44.673	107.4	0.419	1.835	282.0
300	6.097	6.071	34.355	5.49	27.052	27.055	31.621	36.077	40.426	44.675	105.8	0.440	1.766	302.1
320	5.905	5.878	34.334	5.29	27.060	27.063	31.634	36.094	40.448	44.702	105.2	0.461	1.226	322.3
340	5.498	5.470	34.289	5.39	27.075	27.078	31.660	36.130	40.494	44.757	103.8	0.482	1.697	342.5
360	5.385	5.356	34.286	5.53	27.085	27.089	31.673	36.146	40.514	44.779	102.9	0.503	1.363	362.6
380	5.219	5.189	34.271	5.54	27.093	27.097	31.686	36.163	40.534	44.803	102.2	0.523	1.226	382.8
400	5.119	5.087	34.265	5.60	27.100	27.104	31.696	36.175	40.549	44.820	101.7	0.544	1.134	403.0
450	4.788	4.753	34.246	5.81	27.124	27.128	31.728	36.217	40.598	44.878	99.7	0.594	1.313	453.4
500	4.512	4.474	34.226	5.96	27.138	27.142	31.750	36.246	40.634	44.920	98.5	0.643	1.066	503.9
550	4.375	4.334	34.239	5.89	27.164	27.168	31.779	36.278	40.670	44.960	96.5	0.692	1.313	554.4
600	4.247	4.203	34.245	5.92	27.182	27.186	31.801	36.304	40.698	44.991	95.1	0.740	1.125	604.8
650	4.100	4.052	34.251	5.85	27.202	27.207	31.826	36.331	40.730	45.026	93.4	0.787	1.196	655.3
700	3.563	3.514	34.198	6.20	27.214	27.219	31.853	36.373	40.786	45.095	91.8	0.834	1.184	705.8
750	3.410	3.358	34.208	6.13	27.237	27.242	31.879	36.404	40.820	45.133	89.8	0.879	1.268	756.4
800	3.321	3.265	34.222	5.97	27.257	27.262	31.902	36.429	40.847	45.162	88.1	0.923	1.173	806.9
900	3.262	3.199	34.279	5.51	27.308	27.314	31.955	36.483	40.903	45.219	83.9	1.009	1.258	908.0
1000	2.938	2.870	34.293	5.31	27.349	27.355	32.005	36.542	40.970	45.294	80.0	1.091	1.217	1009.2
1100	2.811	2.736	34.342	4.97	27.399	27.405	32.059	36.599	41.030	45.357	75.6	1.169	1.252	1110.4
1200	2.801	2.719	34.366	4.82	27.419	27.426	32.080	36.621	41.052	45.379	74.2	1.244	0.884	1211.6
1300	2.946	2.854	34.453	4.52	27.475	27.484	32.133	36.669	41.096	45.419	70.1	1.316	1.281	1312.9
1400	2.995	2.894	34.520	4.37	27.524	27.534	32.181	36.716	41.141	45.463	66.4	1.384	1.181	1414.3
1500	3.019	2.909	34.577	4.30	27.567	27.577	32.224	36.757	41.182	45.503	63.1	1.449	1.148	1515.7
1600	3.029	2.911	34.622	4.27	27.602	27.613	32.259	36.793	41.217	45.537	60.6	1.511	1.092	1617.2
1700	3.044	2.917	34.664	4.27	27.634	27.646	32.292	36.824	41.248	45.568	58.4	1.571	1.048	1718.7
1800	3.272	3.132	34.747	4.41	27.679	27.692	32.331	36.858	41.276	45.590	56.0	1.628	0.965	1820.3
1900	3.354	3.204	34.785	4.66	27.702	27.716	32.353	36.877	41.293	45.605	55.0	1.683	0.725	1921.9
2000	3.226	3.069	34.795	4.80	27.722	27.737	32.378	36.905	41.324	45.640	53.2	1.737	0.837	2023.6
2100	3.215	3.048	34.818	4.85	27.741	27.757	32.398	36.926	41.345	45.661	52.1	1.790	0.884	2125.3
2200	3.207	3.030	34.838	4.95	27.758	27.775	32.416	36.944	41.364	45.680	51.2	1.841	0.719	2227.1
2300	3.170	2.984	34.854	5.12	27.774	27.792	32.434	36.963	41.384	45.701	50.3	1.892	0.758	2328.9
2400	3.326	3.127	34.908	5.22	27.802	27.821	32.460	36.985	41.401	45.714	49.3	1.942	0.836	2430.8
2500	3.146	2.940	34.888	5.42	27.804	27.823	32.466	36.996	41.418	45.736	48.8	1.991	0.661	2532.7
2600	3.122	2.906	34.900	5.54	27.815	27.835	32.479	37.010	41.433	45.751	48.3	2.040	0.705	2634.6
2700	2.943	2.720	34.881	5.50	27.817	27.837	32.486	37.022	41.449	45.773	47.7	2.088	0.710	2736.7
2800	2.917	2.685	34.896	5.59	27.831	27.852	32.502	37.039	41.467	45.791	46.8	2.135	0.671	2838.7
2900	2.591	2.356	34.843	5.36	27.818	27.838	32.498	37.044	41.481	45.814	46.4	2.181	0.616	2940.8
2964	2.521	2.280	34.837	5.15	27.819	27.840	32.502	37.050	41.489	45.823	46.1	2.211	0.825	3007.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	17.346	17.346	34.126	6.21	2.0	0.25	0.10	0.00	24.780	24.780	33.345	41.521	0.	
26	13.988	13.984	34.147	7.66	2.1	0.29	0.10	0.00	25.549	25.550	34.234	42.521	27.	B1
53	9.621	9.615	34.125	6.41	2.5	0.83	10.40	0.44	26.352	26.353	35.214	43.665	54.	
92	9.552	9.542	34.558	5.57	5.4	1.23	16.10	0.01	26.701	26.703	35.561	44.009	93.	
143	8.448	8.433	34.503	5.60	6.8	1.39	18.60	0.01	26.835	26.838	35.746	44.240	144.	
193	7.253	7.234	34.403	5.59	8.5	1.53	21.00	0.02	26.934	26.937	35.901	44.447	196.	
291	6.222	6.197	34.375	5.39	12.9	1.71	24.40	0.01	27.052	27.055	36.070	44.662	294.	
403	4.691	4.660	34.212	6.23	13.0	1.75	24.90	0.01	27.107	27.111	36.205	44.871	407.	
491	4.531	4.493	34.231	5.98	16.0	1.83	26.20	0.00	27.140	27.144	36.247	44.920	496.	
589	4.234	4.190	34.244	5.75	19.9	1.93	27.70	0.00	27.182	27.187	36.305	44.993	595.	
689	3.609	3.560	34.204	5.90	23.6	1.98	28.60	0.01	27.215	27.219	36.371	45.090	696.	
801	3.349	3.293	34.227	5.66	28.8	2.08	30.00	0.01	27.258	27.263	36.429	45.160	809.	
884	3.407	3.344	34.289	5.18	34.4	2.15	31.30	0.01	27.302	27.308	36.469	45.198	893.	
981	2.941	2.874	34.287	5.18	39.7	2.21	32.10	0.01	27.344	27.350	36.536	45.288	992.	
1180	2.900	2.818	34.384	4.64	50.9	2.31	33.30	0.00	27.425	27.432	36.620	45.373	1193.	
1399	2.990	2.889	34.535	4.35	56.1	2.26	32.90	0.01	27.537	27.546	36.728	45.475	1415.	B1
1577	3.053	2.936	34.624	4.38	56.0	2.16	31.60	0.01	27.602	27.613	36.791	45.534	1596.	
1773	3.254	3.117	34.725	4.61	49.2	1.99	29.00	0.00	27.663	27.676	36.843	45.576	1796.	
1970	3.276	3.120	34.797	4.83	46.1	1.85	27.10	0.01	27.719	27.733	36.899	45.631	1996.	
2164	3.212	3.038	34.841	5.00	45.9	1.78	26.00	0.01	27.760	27.776	36.945	45.680	2193.	
2364	3.313	3.118	34.903	5.43	34.4	1.55	22.80	0.02	27.800	27.818	36.982	45.712	2397.	
2559	3.139	2.927	34.896	5.49	37.2	1.55	22.90	0.01	27.811	27.830	37.004	45.744	2596.	
2756	2.942	2.713	34.899	5.51	40.0	1.54	22.70	0.01	27.831	27.852	37.038	45.788	2797.	
2920	2.509	2.273	34.828	5.06	62.0	1.81	26.40	0.01	27.813	27.833	37.044	45.818	2964.	

SHIP AT CRUISE 107 STATION 52
START 42 2.05 S 53 30.88 W AT 740 79/12/24
WIND = 16M/S COR. DEPTH = 5505M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.176	17.176	34.135	6.17	24.827	24.827	29.164	33.398	37.535	41.580	313.0	0.000	0.000	-0.0
10	17.179	17.177	34.130	6.50	24.822	24.823	29.159	33.394	37.531	41.575	313.8	.031	-1.168	10.1
20	16.718	16.715	34.200	6.65	24.985	24.985	29.330	33.571	37.715	41.766	298.6	.062	7.149	20.1
30	15.358	15.353	34.167	6.90	25.269	25.270	29.639	33.904	38.071	42.144	271.8	.090	9.465	30.2
40	12.354	12.349	34.100	7.44	25.841	25.842	30.269	34.590	38.811	42.936	217.6	.115	13.429	40.2
50	12.072	12.066	34.407	7.11	26.133	26.134	30.565	34.889	39.113	43.242	190.1	.135	9.577	50.3
60	10.746	10.739	34.309	6.66	26.302	26.304	30.762	35.114	39.365	43.518	174.1	.154	7.320	60.3
70	12.725	12.715	34.961	6.06	26.435	26.437	30.850	35.159	39.367	43.480	162.0	.170	6.399	70.4
80	12.840	12.829	35.099	5.81	26.519	26.521	30.931	35.236	39.442	43.552	154.4	.186	5.120	80.5
90	12.372	12.360	35.032	5.67	26.560	26.562	30.982	35.296	39.511	43.630	150.7	.201	3.627	90.5
100	12.049	12.036	35.013	5.60	26.607	26.610	31.036	35.357	39.578	43.703	146.4	.216	3.898	100.6
120	10.906	10.891	34.841	5.76	26.687	26.689	31.141	35.486	39.730	43.877	139.1	.245	3.590	120.8
140	9.776	9.760	34.649	5.80	26.735	26.738	31.215	35.585	39.853	44.023	134.7	.272	2.847	140.9
160	9.311	9.293	34.609	5.88	26.781	26.784	31.272	35.652	39.929	44.109	130.7	.299	2.725	161.1
180	8.143	8.125	34.442	5.88	26.835	26.837	31.353	35.760	40.064	44.268	125.5	.324	3.029	181.2
200	7.606	7.586	34.386	5.98	26.870	26.873	31.402	35.821	40.137	44.353	122.3	.349	2.435	201.4
220	7.249	7.228	34.352	5.92	26.894	26.897	31.435	35.863	40.186	44.410	120.2	.373	2.026	221.5
240	7.343	7.320	34.408	5.90	26.925	26.928	31.464	35.889	40.210	44.431	117.7	.397	2.193	241.7
260	7.103	7.079	34.394	5.75	26.948	26.951	31.492	35.923	40.250	44.476	115.7	.421	1.941	261.8
280	6.470	6.444	34.335	5.74	26.988	26.991	31.548	35.995	40.336	44.576	111.9	.443	2.635	282.0
300	6.172	6.145	34.310	5.99	27.007	27.010	31.575	36.029	40.377	44.624	110.1	.465	1.841	302.2
320	5.775	5.748	34.270	6.04	27.025	27.029	31.603	36.067	40.425	44.681	108.4	.487	1.829	322.3
340	5.284	5.257	34.222	6.24	27.047	27.050	31.638	36.114	40.483	44.751	106.2	.509	2.006	342.5
360	5.439	5.409	34.260	6.13	27.059	27.063	31.646	36.118	40.484	44.748	105.4	.530	1.317	362.6
380	5.036	5.006	34.212	6.33	27.069	27.072	31.666	36.149	40.524	44.798	104.4	.551	1.454	382.8
400	5.223	5.191	34.261	6.47	27.086	27.089	31.678	36.156	40.527	44.796	103.2	.572	1.544	403.0
450	5.149	5.112	34.278	5.85	27.107	27.112	31.702	36.182	40.554	44.825	101.6	.623	1.201	453.5
500	4.650	4.611	34.225	6.16	27.123	27.127	31.731	36.223	40.608	44.891	100.2	.673	1.162	503.9
550	4.524	4.482	34.232	6.11	27.141	27.146	31.754	36.249	40.637	44.923	98.8	.723	1.142	554.4
600	4.448	4.402	34.256	5.68	27.169	27.174	31.783	36.281	40.671	44.958	96.5	.772	1.353	604.9
650	4.242	4.193	34.255	5.73	27.191	27.196	31.811	36.314	40.708	45.001	94.7	.820	1.258	655.4
700	4.011	3.959	34.249	5.96	27.210	27.215	31.836	36.345	40.745	45.044	93.0	.867	1.209	705.9
750	3.642	3.589	34.223	5.86	27.226	27.232	31.863	36.381	40.792	45.099	91.2	.913	1.228	756.4
800	3.498	3.442	34.234	5.75	27.249	27.254	31.889	36.412	40.826	45.136	89.2	.958	1.267	807.0
900	3.183	3.121	34.240	5.66	27.284	27.290	31.934	36.464	40.886	45.205	85.9	1.046	1.274	908.1
1000	3.093	3.024	34.293	5.30	27.335	27.341	31.987	36.520	40.944	45.264	81.6	1.129	1.330	1009.3
1100	2.927	2.852	34.326	5.06	27.376	27.382	32.033	36.570	40.998	45.322	78.1	1.209	1.074	1110.5
1200	3.006	2.922	34.404	4.71	27.431	27.439	32.086	36.621	41.047	45.369	73.8	1.285	1.298	1211.8
1300	2.957	2.865	34.446	4.51	27.469	27.477	32.126	36.662	41.089	45.411	70.8	1.357	1.154	1313.1
1400	2.958	2.858	34.502	4.40	27.514	27.523	32.171	36.707	41.134	45.456	67.2	1.426	1.231	1414.5
1500	2.980	2.871	34.563	4.33	27.560	27.570	32.218	36.752	41.178	45.500	63.7	1.492	1.204	1515.9
1600	2.992	2.874	34.609	4.33	27.595	27.606	32.254	36.787	41.213	45.534	61.1	1.554	.900	1617.4
1700	3.164	3.035	34.686	4.38	27.641	27.653	32.295	36.824	41.245	45.562	58.3	1.614	1.077	1718.9
1800	3.235	3.095	34.731	4.58	27.670	27.683	32.324	36.851	41.270	45.585	56.6	1.671	1.012	1820.5
1900	3.408	3.257	34.796	4.84	27.705	27.720	32.355	36.878	41.292	45.603	54.9	1.727	.929	1922.2
2000	3.370	3.210	34.822	5.01	27.730	27.745	32.382	36.905	41.320	45.632	53.2	1.781	.936	2023.8
2100	3.176	3.009	34.814	5.07	27.742	27.757	32.399	36.928	41.349	45.665	51.9	1.834	.912	2125.6
2200	3.255	3.078	34.852	5.31	27.764	27.781	32.421	36.948	41.366	45.681	50.9	1.885	.838	2227.4
2300	3.309	3.121	34.881	5.48	27.782	27.800	32.439	36.964	41.381	45.695	50.3	1.936	.642	2329.2
2400	3.214	3.017	34.884	5.56	27.794	27.812	32.454	36.981	41.401	45.717	49.4	1.986	.680	2431.1
2500	3.066	2.862	34.874	5.54	27.800	27.819	32.464	36.997	41.420	45.740	48.7	2.035	.746	2533.0
2600	3.038	2.824	34.886	5.62	27.812	27.832	32.479	37.012	41.436	45.757	48.0	2.083	.733	2635.0
2700	2.970	2.747	34.890	5.71	27.822	27.842	32.490	37.026	41.452	45.775	47.4	2.131	.706	2737.0
2800	2.929	2.696	34.900	5.82	27.833	27.854	32.504	37.041	41.468	45.792	46.7	2.178	.744	2839.1
2900	2.789	2.549	34.887	5.80	27.836	27.857	32.511	37.052	41.483	45.811	46.1	2.224	.679	2941.2
3000	2.671	2.423	34.880	5.79	27.841	27.862	32.520	37.064	41.499	45.829	45.5	2.270	.707	3043.4
3200	2.186	1.928	34.824	5.52	27.837	27.858	32.530	37.088	41.536	45.880	43.2	2.359	.804	3247.8
3400	1.741	1.473	34.768	5.08	27.827	27.847	32.532	37.103	41.564	45.920	41.3	2.443	.637	3452.5
3600	1.430	1.149	34.743	4.90	27.830	27.850	32.545	37.125	41.595	45.959	39.0	2.524	.733	3657.4
3800	1.170	.874	34.721	4.92	27.831	27.851	32.554	37.142	41.619	45.991	37.0	2.600	.611	3862.4
4000	.943	.633	34.710	4.82	27.837	27.857	32.567	37.162	41.646	46.024	34.7	2.671	.770	4067.7
4200	.739	.412	34.698	4.90	27.841	27.861	32.578	37.179	41.669	46.053	32.6	2.739	.705	4273.1
4400	.541	.198	34.688	4.92	27.845	27.865	32.588	37.196	41.692	46.082	30.3	2.802	.702	4478.7
4600	.394	.033	34.681	4.92	27.847	27.867	32.596	37.208	41.709	46.103	28.6	2.861	.565	4684.6
4800	.310	-.071	34.676	4.99	27.848	27.869	32.600	37.216	41.720	46.117	27.7	2.917	.507	4890.6
5000	.261	-.143	34.672	5.05	27.848	27.870	32.603	37.221	41.727	46.126	27.1	2.971	.352	5096.7
5200	.240	-.187	34.671	5.11	27.848	27.871	32.606	37.225	41.732	46.132	26.9	3.025	.263	5303.1
5400	.245	-.207	34.670	5.09	27.848	27.871	32.607	37.226	41.734	46.135	27.0	3.079	-.085	5509.7
5502	.256	-.209	34.670	5.04	27.847	27.871	32.607	37.226	41.734	46.135	27.2	3.107	-.581	5615.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
645	4.156	4.108	34.236	5.76	20.0	1.91	27.80	0.00	27.184	27.189	36.312	45.003	652.	
1607	3.059	2.940	34.624	4.36	55.1	2.15	31.70	0.00	27.601	27.612	36.790	45.534	1626.	B9
2463	3.045	2.845	34.875	5.23	44.1	1.65	24.70	0.00	27.803	27.821	37.000	45.744	2498.	D1
4396	0.539	0.196	34.691		119.1	2.24	32.70	0.00	27.847	27.867	37.198	46.084	4478.	B9
4716	0.341	-0.033	34.682	4.87	125.6	2.27	33.20	0.00	27.852	27.872	37.216	46.115	4808.	
5011	0.258	-0.147	34.672		127.1	2.29	33.30	0.00	27.848	27.870	37.221	46.127	5111.	
5206	0.241	-0.187	34.668	5.01	129.1	2.30	33.50	0.00	27.846	27.868	37.222	46.130	5313.	
5402	0.246	-0.206	34.681	5.08	123.2	2.27	32.90	0.00	27.856	27.880	37.235	46.143	5516.	B1
5453	0.252	-0.207	34.667	5.17	130.2	2.31	33.70	0.00	27.844	27.868	37.224	46.133	5568.	
5460	0.252			5.15	128.2	2.29	33.50	0.00					5576.	
5468	0.254			5.16	120.0	2.26	33.00	0.00					5584.	D5
5479	0.255			5.18	128.0	2.32	33.50	0.00					5595.	

SHIP AT CRUISE 107 STATION 53
START 42 30.65 S 53 30.19 W AT 1428 79/12/24
WIND = 10M/S COR. DEPTH = 5639M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	32.771	32.771	0.000	64.48	-5.164	-5.164	-844	3.370	7.479	11.485	3254.4	0.000	0.000	-0
10	17.154	17.153	34.222	6.14	24.899	24.899	29.236	33.470	37.607	41.651	306.5	178	96.838	10.1
20	16.380	16.377	34.151	6.28	25.026	25.026	29.377	33.624	37.774	41.831	294.7	208	6.373	20.0
30	11.825	11.821	34.170	7.40	25.996	25.997	30.434	34.765	38.996	43.130	202.6	233	17.479	30.0
40	11.488	11.483	34.432	6.27	26.263	26.264	30.706	35.042	39.277	43.416	177.5	252	9.156	40.1
50	11.639	11.633	34.617	5.65	26.378	26.379	30.817	35.149	39.380	43.514	166.8	269	6.016	50.1
60	11.645	11.638	34.740	5.56	26.472	26.474	30.910	35.241	39.471	43.605	158.1	285	5.437	60.2
70	11.582	11.573	34.784	5.44	26.518	26.520	30.958	35.290	39.521	43.655	154.0	301	3.819	70.3
80	11.398	11.388	34.781	5.36	26.551	26.553	30.994	35.330	39.564	43.703	151.1	316	3.201	80.3
90	10.947	10.935	34.746	5.32	26.606	26.608	31.059	35.404	39.648	43.794	146.1	331	4.192	90.4
100	10.286	10.274	34.661	5.29	26.657	26.659	31.125	35.484	39.742	43.901	141.3	346	4.067	100.5
120	10.425	10.411	34.757	5.30	26.707	26.709	31.172	35.527	39.781	43.938	137.1	373	2.795	120.6
140	9.701	9.685	34.647	5.34	26.746	26.749	31.228	35.599	39.868	44.040	133.7	400	2.547	140.8
160	8.484	8.467	34.459	5.44	26.796	26.798	31.306	35.705	40.001	44.198	129.0	427	2.902	160.9
180	7.800	7.783	34.372	5.50	26.830	26.833	31.357	35.773	40.084	44.296	125.8	452	2.432	181.1
200	6.497	6.479	34.187	5.87	26.868	26.870	31.427	35.874	40.215	44.456	122.1	477	2.602	201.2
220	6.903	6.883	34.282	5.75	26.887	26.890	31.436	35.873	40.205	44.436	120.7	501	1.663	221.4
240	8.012	7.988	34.547	5.09	26.937	26.940	31.459	35.868	40.173	44.380	116.9	525	2.621	241.5
260	7.307	7.282	34.437	5.12	26.953	26.957	31.492	35.919	40.241	44.462	115.3	548	1.802	261.7
280	7.035	7.009	34.425	5.20	26.982	26.985	31.528	35.960	40.288	44.516	112.8	571	2.186	281.8
300	6.882	6.854	34.420	5.02	26.999	27.003	31.549	35.985	40.317	44.548	111.3	593	1.707	302.0
320	6.855	6.825	34.445	4.94	27.023	27.027	31.574	36.010	40.342	44.574	109.4	616	1.939	322.2
340	6.481	6.450	34.401	5.02	27.038	27.042	31.599	36.045	40.385	44.625	107.9	637	1.717	342.3
360	5.669	5.639	34.280	5.44	27.046	27.050	31.627	36.094	40.454	44.713	106.8	659	1.546	362.5
380	5.721	5.689	34.318	5.46	27.070	27.074	31.650	36.114	40.473	44.731	104.9	680	1.898	382.7
400	5.076	5.044	34.235	5.64	27.082	27.085	31.678	36.159	40.534	44.807	103.4	701	1.687	402.8
450	4.494	4.460	34.169	6.36	27.095	27.099	31.707	36.204	40.593	44.880	102.1	752	1.126	453.3
500	4.527	4.488	34.197	6.14	27.113	27.118	31.725	36.221	40.609	44.895	100.9	803	1.072	503.8
550	4.505	4.463	34.227	5.98	27.140	27.144	31.752	36.248	40.637	44.923	98.9	853	1.298	554.3
600	4.333	4.287	34.230	5.86	27.161	27.165	31.778	36.278	40.671	44.962	97.2	902	1.218	604.7
650	4.147	4.099	34.226	5.86	27.177	27.182	31.800	36.305	40.703	44.998	95.8	950	1.124	655.2
700	3.795	3.744	34.199	5.94	27.192	27.197	31.824	36.339	40.745	45.049	94.3	998	1.149	705.7
750	3.623	3.570	34.205	5.87	27.214	27.219	31.851	36.370	40.781	45.089	92.3	1.044	1.264	756.3
800	3.401	3.345	34.205	5.87	27.235	27.241	31.878	36.403	40.820	45.133	90.2	1.090	1.279	806.8
900	3.148	3.086	34.232	5.56	27.281	27.286	31.931	36.463	40.886	45.205	86.1	1.178	1.345	907.9
1000	3.064	2.996	34.284	5.26	27.330	27.336	31.983	36.516	40.941	45.262	82.0	1.262	1.287	1009.1
1100	2.921	2.845	34.317	4.99	27.370	27.376	32.027	36.564	40.993	45.317	78.6	1.343	1.149	1110.3
1200	2.761	2.679	34.364	4.71	27.421	27.428	32.083	36.624	41.057	45.385	73.9	1.419	1.277	1211.6
1300	2.772	2.682	34.431	4.43	27.473	27.481	32.136	36.676	41.108	45.436	69.7	1.490	1.102	1312.9
1400	2.762	2.664	34.489	4.28	27.520	27.529	32.183	36.724	41.156	45.483	65.9	1.558	1.249	1414.3
1500	2.028	2.918	34.587	4.27	27.575	27.585	32.231	36.764	41.189	45.509	62.5	1.622	1.056	1515.7
1600	2.805	2.690	34.599	4.18	27.605	27.615	32.268	36.807	41.237	45.563	59.5	1.683	1.211	1617.2
1700	2.799	2.675	34.641	4.10	27.639	27.650	32.303	36.842	41.272	45.598	57.0	1.742	.997	1718.7
1800	3.102	2.964	34.728	4.46	27.680	27.693	32.337	36.868	41.290	45.609	55.1	1.797	.816	1820.3
1900	3.223	3.075	34.778	4.74	27.709	27.723	32.364	36.891	41.310	45.625	53.7	1.852	.806	1921.9
2000	3.146	2.989	34.796	4.77	27.731	27.745	32.388	36.917	41.339	45.656	52.1	1.905	1.016	2023.6
2100	3.079	2.914	34.810	4.86	27.748	27.763	32.408	36.939	41.362	45.681	50.8	1.956	.797	2125.3
2200	2.958	2.785	34.813	4.85	27.762	27.777	32.425	36.960	41.386	45.708	49.6	2.006	.749	2227.1
2300	2.810	2.630	34.807	4.87	27.770	27.786	32.439	36.978	41.408	45.734	48.7	2.055	.742	2328.9
2400	2.872	2.682	34.839	5.06	27.790	27.807	32.458	36.995	41.424	45.748	47.8	2.104	.728	2430.8
2500	2.707	2.510	34.825	5.07	27.794	27.811	32.467	37.009	41.442	45.771	47.1	2.151	.630	2532.8
2600	2.659	2.452	34.830	5.10	27.802	27.820	32.477	37.021	41.455	45.785	46.6	2.198	.634	2634.7
2700	2.536	2.322	34.821	5.01	27.805	27.824	32.485	37.032	41.470	45.803	46.1	2.244	.625	2736.8
2800	2.513	2.289	34.836	5.05	27.819	27.838	32.500	37.048	41.487	45.821	45.2	2.290	.735	2838.8
2900	2.379	2.148	34.823	5.07	27.821	27.840	32.506	37.057	41.500	45.838	44.7	2.335	.630	2940.9
2956	2.244	2.010	34.807	4.95	27.819	27.838	32.508	37.063	41.510	45.851	44.1	2.360	.590	2999.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
1	17.460	17.460	34.296	5.68	2.7	0.28	0.00	0.00	24.882	24.882	33.442	41.613	2.	
26	16.028	16.024	34.158	6.04	2.1	0.22	0.00	0.00	25.112	25.113	33.723	41.941	27.	
54	10.525	10.518	34.353	5.48	4.1	1.01	11.90	0.05	26.375	26.376	35.196	43.607	55.	B1
103	9.443	9.432	34.456	5.31	4.9	1.25	16.00	0.28	26.640	26.642	35.506	43.959	104.	
144	8.977	8.961	34.527	5.51	5.7	1.31	17.20	0.15	26.771	26.774	35.658	44.129	146.	
195	7.034	7.016	34.269	5.92	6.7	1.50	20.00	0.16	26.859	26.862	35.839	44.396	197.	
297	6.740	6.713	34.396	5.43	11.6	1.66	23.30	0.00	26.999	27.003	35.993	44.562	300.	
398	4.962	4.931	34.214	6.24	11.9	1.73	24.30	0.00	27.078	27.082	36.162	44.815	402.	
495	4.585	4.547	34.211	6.18	14.5	1.79	25.50	0.01	27.118	27.123	36.222	44.894	500.	
593	4.192	4.148	34.197	6.17	16.8	1.85	26.40	0.00	27.150	27.154	36.275	44.966	599.	
687	3.842	3.792	34.195	6.08	20.0	1.92	27.50	0.01	27.184	27.189	36.329	45.036	694.	
796	3.480	3.424	34.215	5.81	25.9	2.04	29.30	0.00	27.236	27.241	36.400	45.125	805.	
889	3.438	3.375	34.292	5.33	32.0	2.14	30.90	0.01	27.301	27.307	36.467	45.194	898.	B1
991	2.942	2.875	34.277	5.27	40.1	2.22	32.10	0.01	27.335	27.341	36.528	45.281	1002.	
1181	3.054	2.971	34.417	4.59	49.3	2.34	33.50	0.01	27.437	27.444	36.624	45.369	1194.	B1
1382	2.623	2.528	34.465	4.26	66.1	2.41	34.60	0.01	27.514	27.522	36.724	45.491	1398.	
1576	2.924	2.809	34.629	4.38	56.5	2.17	31.80	0.00	27.618	27.628	36.813	45.563	1595.	B1
1771	3.191	3.055	34.734	4.58	51.1	2.03	29.30	0.00	27.677	27.689	36.859	45.595	1793.	
1969	3.248	3.093	34.784	4.84	46.1	1.87	27.20	0.00	27.711	27.726	36.893	45.626	1995.	B1
2170	3.029	2.858	34.817	4.90	51.0	1.85	26.80	0.00	27.758	27.774	36.953	45.697	2199.	
2366	2.850	2.663	34.856	5.00	55.0	1.84	26.50	0.00	27.805	27.822	37.011	45.765	2399.	B1
2546	2.720	2.517	34.834	5.08	56.3	1.82	26.30	0.00	27.800	27.817	37.015	45.776	2583.	
2757	2.467	2.248	34.827	4.98	64.2	1.88	27.00	0.00	27.816	27.834	37.047	45.822	2798.	
2917	2.320	2.089	34.818	5.00	67.8	1.89	27.30	0.00	27.821	27.840	37.061	45.845	2961.	

SHIP AT CRUISE 107 STATION 54
START 43 1.40 S 53 25.38 W AT 2019 79/12/24
WIND = 8M/S COR. DEPTH = 5650M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.608	17.608	34.213	6.86	24.783	24.783	29.112	33.339	37.468	41.506	317.2	0.000	0.000	- .0
10	17.586	17.585	34.235	6.72	24.805	24.806	29.135	33.362	37.492	41.529	315.4	.032	2.667	10.1
20	13.744	13.741	34.217	7.42	25.653	25.654	30.052	34.346	38.541	42.641	235.0	.059	16.328	20.1
30	11.133	11.129	34.042	7.46	26.025	26.025	30.478	34.824	39.068	43.216	199.8	.081	10.817	30.2
40	9.596	9.591	33.971	6.86	26.236	26.237	30.723	35.101	39.377	43.555	179.9	.100	8.163	40.2
50	10.186	10.181	34.274	5.92	26.373	26.374	30.845	35.209	39.470	43.635	167.2	.117	6.550	50.3
60	10.368	10.361	34.403	5.36	26.442	26.443	30.909	35.268	39.525	43.685	160.9	.134	4.640	60.4
70	10.565	10.557	34.478	5.12	26.466	26.467	30.929	35.283	39.536	43.692	158.8	.150	2.749	70.4
80	10.890	10.881	34.669	5.13	26.556	26.558	31.011	35.358	39.603	43.751	150.5	.165	3.320	80.5
90	10.651	10.640	34.669	5.27	26.599	26.601	31.059	35.410	39.660	43.813	146.7	.180	3.665	90.6
100	11.066	11.054	34.844	5.20	26.660	26.663	31.111	35.453	39.693	43.837	141.2	.194	4.380	100.6
120	10.220	10.206	34.770	5.21	26.753	26.755	31.222	35.582	39.840	44.000	132.7	.222	3.849	120.8
140	9.482	9.466	34.667	5.31	26.798	26.801	31.284	35.660	39.934	44.110	128.7	.248	2.727	140.9
160	8.900	8.883	34.594	5.31	26.836	26.839	31.336	35.725	40.011	44.199	125.3	.273	2.506	161.1
180	8.136	8.118	34.496	5.29	26.878	26.881	31.396	35.803	40.106	44.310	121.4	.298	2.666	181.2
200	7.140	7.121	34.380	5.53	26.932	26.935	31.475	35.905	40.231	44.456	116.3	.322	3.024	201.4
220	6.624	6.604	34.319	5.68	26.955	26.957	31.510	35.953	40.291	44.528	114.2	.345	1.998	221.6
240	6.318	6.296	34.303	5.70	26.983	26.985	31.546	35.996	40.341	44.585	111.7	.367	2.163	241.7
260	6.076	6.053	34.298	5.78	27.010	27.013	31.579	36.036	40.386	44.636	109.3	.389	2.118	261.9
280	5.997	5.973	34.319	5.72	27.036	27.039	31.608	36.066	40.418	44.669	107.0	.411	2.056	282.0
300	5.593	5.568	34.268	5.83	27.047	27.050	31.629	36.097	40.459	44.720	106.0	.432	1.462	302.2
320	5.140	5.115	34.214	5.97	27.058	27.061	31.652	36.132	40.505	44.776	104.8	.453	1.528	322.4
340	4.867	4.840	34.190	6.26	27.071	27.074	31.672	36.159	40.539	44.816	103.6	.474	1.546	342.5
360	4.778	4.751	34.188	6.34	27.078	27.081	31.682	36.171	40.553	44.833	103.0	.495	1.164	362.7
380	4.711	4.682	34.193	6.32	27.090	27.093	31.696	36.186	40.570	44.852	102.1	.515	1.409	382.9
400	4.691	4.660	34.200	6.37	27.098	27.101	31.704	36.195	40.580	44.861	101.6	.536	1.109	403.1
450	4.392	4.359	34.177	6.32	27.113	27.116	31.727	36.226	40.618	44.907	100.3	.586	1.080	453.6
500	4.295	4.258	34.181	6.56	27.126	27.130	31.744	36.245	40.640	44.931	99.4	.636	.975	504.0
550	4.049	4.009	34.169	6.54	27.143	27.147	31.767	36.275	40.675	44.973	98.0	.686	1.118	554.5
600	3.884	3.841	34.164	6.64	27.155	27.159	31.784	36.297	40.701	45.003	97.0	.734	.981	605.0
650	3.677	3.631	34.155	6.71	27.169	27.174	31.805	36.322	40.732	45.039	95.8	.783	1.061	655.5
700	3.535	3.486	34.163	6.56	27.189	27.194	31.828	36.350	40.763	45.073	94.1	.830	1.192	706.0
750	3.384	3.332	34.180	6.30	27.218	27.222	31.861	36.386	40.803	45.117	91.5	.876	1.402	756.5
800	3.327	3.271	34.204	6.03	27.242	27.247	31.887	36.414	40.832	45.147	89.5	.922	1.267	807.1
900	3.051	3.089	34.252	5.52	27.306	27.311	31.959	36.492	40.918	45.239	83.6	1.008	1.398	908.2
1000	3.019	2.950	34.312	5.05	27.357	27.363	32.011	36.545	40.971	45.293	79.4	1.089	1.220	1009.4
1100	2.813	2.738	34.347	4.82	27.403	27.410	32.063	36.603	41.034	45.361	75.2	1.167	1.167	1110.6
1200	2.802	2.719	34.412	4.48	27.456	27.463	32.116	36.656	41.087	45.414	70.9	1.239	1.206	1211.9
1300	2.749	2.659	34.466	4.26	27.503	27.511	32.166	36.707	41.139	45.467	66.9	1.308	1.216	1313.3
1400	2.852	2.753	34.540	4.12	27.553	27.562	32.214	36.751	41.180	45.505	63.2	1.373	1.153	1414.7
1500	3.062	2.952	34.620	4.21	27.597	27.608	32.253	36.785	41.208	45.528	60.5	1.435	.940	1516.1
1600	2.710	2.596	34.601	4.09	27.614	27.624	32.279	36.821	41.254	45.582	58.3	1.494	.960	1617.6
1700	2.741	2.618	34.648	4.12	27.649	27.660	32.314	36.855	41.287	45.614	55.7	1.551	1.067	1719.2
1800	2.554	2.424	34.646	4.02	27.664	27.675	32.335	36.880	41.317	45.650	54.2	1.606	.879	1820.7
1900	2.714	2.573	34.706	4.27	27.698	27.710	32.365	36.907	41.339	45.667	52.4	1.660	1.005	1922.4
2000	2.762	2.611	34.744	4.39	27.724	27.738	32.391	36.931	41.362	45.689	50.8	1.711	.921	2024.1
2100	3.002	2.838	34.809	4.74	27.754	27.769	32.416	36.950	41.374	45.695	49.8	1.762	.780	2125.8
2200	2.814	2.644	34.793	4.75	27.758	27.774	32.426	36.965	41.394	45.720	49.1	1.811	.745	2227.6
2300	2.812	2.632	34.814	4.76	27.775	27.791	32.444	36.983	41.413	45.739	48.2	1.860	.775	2329.5
2400	2.740	2.552	34.818	4.86	27.785	27.802	32.456	36.997	41.429	45.757	47.5	1.908	.748	2431.4
2500	2.730	2.532	34.836	5.01	27.800	27.817	32.473	37.014	41.446	45.774	46.7	1.955	.649	2533.3
2600	2.546	2.342	34.814	4.99	27.799	27.816	32.477	37.024	41.461	45.794	46.2	2.001	.646	2635.3
2700	2.501	2.287	34.821	4.99	27.809	27.827	32.489	37.037	41.476	45.810	45.5	2.047	.672	2737.3
2800	2.506	2.282	34.840	5.09	27.823	27.842	32.504	37.052	41.491	45.825	44.8	2.092	.738	2839.4
2900	2.345	2.115	34.825	5.13	27.825	27.844	32.511	37.063	41.507	45.846	44.1	2.137	.746	2941.6
2965	2.276	2.040	34.818	5.03	27.825	27.844	32.513	37.068	41.513	45.854	43.8	2.165	.587	3008.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
2	17.639	17.638	34.313	5.71	1.9	0.22	0.10	0.01	24.852	24.852	33.405	41.570	2.	
25	15.656	15.652	34.505	6.11	1.7	0.21	0.10	0.01	25.463	25.463	34.082	42.308	26.	B1
57	9.882	9.875	34.169	4.93	4.8	1.34	15.80	0.03	26.343	26.344	35.193	43.633	58.	
107	10.320	10.307	34.774	5.18	5.4	1.17	15.30	0.02	26.739	26.741	35.563	43.978	109.	
143	8.727	8.712	34.556	5.39	6.7	1.36	18.50	0.02	26.833	26.836	35.731	44.212	144.	
196	6.965	6.947	34.334	5.81	7.4	1.55	21.10	0.03	26.920	26.922	35.902	44.461	198.	
296	5.209	5.186	34.217	6.29	9.8	1.67	23.40	0.02	27.052	27.055	36.122	44.763	299.	
407	4.628	4.597	34.212	6.29	12.3	1.74	24.60	0.02	27.114	27.118	36.215	44.884	411.	B1
492	4.217	4.181	34.179	6.63	12.4	1.72	24.50	0.02	27.133	27.137	36.256	44.945	497.	
591	3.878	3.836	34.175	6.60	14.0	1.78	25.30	0.02	27.165	27.169	36.306	45.012	598.	
690	3.546	3.498	34.159	6.36	18.9	1.89	27.00	0.01	27.185	27.190	36.345	45.068	697.	
803	3.254	3.199	34.211	5.82	28.1	2.05	29.60	0.01	27.254	27.259	36.430	45.167	812.	
887	3.044	2.984	34.242	5.47	35.2	2.16	31.00	0.01	27.298	27.304	36.485	45.233	897.	
986	2.912	2.845	34.288	5.17	41.5	2.22	32.20	0.00	27.347	27.353	36.541	45.295	997.	
1185	2.782	2.701	34.403	4.55	55.0	2.35	33.90	0.00	27.450	27.457	36.652	45.411	1199.	
1385	2.837	2.739	34.529	4.27	60.4	2.30	33.40	0.00	27.546	27.555	36.745	45.500	1401.	
1578	2.686	2.573	34.605	4.16	68.2	2.30	33.30	0.00	27.620	27.630	36.828	45.590	1597.	B1
1774	2.544	2.417	34.638	4.14	74.8	2.30	33.20	0.01	27.658	27.669	36.875	45.645	1796.	
1972	2.712	2.564	34.724	4.42	67.1	2.08	30.60	0.00	27.712	27.725	36.922	45.683	1998.	
2125	2.901	2.736	34.795	4.77	56.7	1.90	27.70	0.00	27.752	27.767	36.953	45.704	2153.	B9
2363	2.716	2.531	34.804	4.81	61.9	1.91	27.70	0.00	27.776	27.792	36.989	45.750	2396.	
2561	2.616	2.414	34.807	4.93	61.8	1.87	27.10	0.00	27.787	27.805	37.008	45.775	2598.	
2756	2.479	2.260	34.831	5.05	63.3	1.84	26.70	0.00	27.818	27.837	37.048	45.823	2797.	
2948	2.293	2.059	34.824	5.05	67.7	1.85	26.90	0.00	27.828	27.847	37.070	45.855	2993.	

SHIP AT CRUISE 107 STATION 55
START 43 32.00 S 53 30.00 W AT 1 79/12/25
WIND = 27M/S COR. DEPTH = 6033M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	16.907	16.907	34.357	5.70	25.061	25.061	29.401	33.638	37.778	41.825	290.7	0.000	0.000	-0.0
10	16.915	16.913	34.355	5.88	25.058	25.058	29.398	33.635	37.775	41.822	291.4	0.029	-0.947	10.1
20	14.854	14.851	34.222	6.28	25.422	25.423	29.800	34.074	38.249	42.331	257.0	0.057	10.711	20.1
30	12.278	12.274	34.099	6.87	25.855	25.856	30.284	34.607	38.829	42.956	216.0	0.080	11.679	30.2
40	9.953	9.948	34.061	7.30	26.247	26.247	30.725	35.095	39.363	43.533	178.9	0.100	11.106	40.2
50	8.509	8.503	34.074	7.46	26.490	26.491	31.001	35.403	39.700	43.899	155.9	0.117	8.769	50.3
60	7.963	7.957	34.104	7.54	26.596	26.597	31.119	35.532	39.842	44.052	146.0	0.132	5.776	60.4
70	7.765	7.758	34.175	7.11	26.681	26.682	31.209	35.626	39.939	44.152	138.1	0.146	5.176	70.4
80	9.475	9.466	34.558	6.49	26.714	26.715	31.200	35.577	39.851	44.027	135.4	0.160	3.078	80.5
90	9.562	9.552	34.646	6.14	26.768	26.770	31.252	35.626	39.898	44.072	130.5	0.173	4.134	90.6
100	9.156	9.145	34.599	5.84	26.798	26.800	31.291	35.675	39.955	44.138	127.8	0.186	3.108	100.6
120	7.999	7.987	34.430	5.81	26.847	26.849	31.368	35.778	40.084	44.291	123.3	0.211	2.842	120.8
140	6.937	6.924	34.286	6.06	26.886	26.888	31.433	35.869	40.200	44.430	119.6	0.235	1.584	140.9
160	5.857	5.844	34.159	6.26	26.928	26.930	31.503	35.965	40.321	44.577	115.5	0.259	2.686	161.1
180	5.591	5.576	34.168	6.38	26.968	26.970	31.549	36.018	40.380	44.642	111.9	0.281	2.535	181.3
200	5.944	5.927	34.268	5.98	27.003	27.005	31.575	36.035	40.388	44.641	109.0	0.304	2.294	201.4
220	5.365	5.347	34.219	6.16	27.035	27.037	31.622	36.096	40.463	44.729	106.0	0.325	2.348	221.6
240	5.320	5.300	34.227	5.93	27.047	27.049	31.635	36.110	40.479	44.746	105.1	0.346	1.387	241.7
260	4.698	4.678	34.156	6.20	27.062	27.064	31.667	36.158	40.543	44.824	103.5	0.367	1.753	261.9
280	4.904	4.882	34.199	6.17	27.073	27.076	31.673	36.159	40.537	44.814	102.8	0.388	1.237	282.1
300	4.601	4.578	34.166	6.23	27.081	27.083	31.689	36.182	40.569	44.853	102.0	0.408	1.256	302.2
320	4.611	4.587	34.178	6.29	27.089	27.092	31.697	36.190	40.576	44.860	101.5	0.428	1.142	322.4
340	4.584	4.558	34.178	6.21	27.092	27.095	31.701	36.195	40.582	44.866	101.3	0.449	1.754	342.6
360	4.480	4.453	34.171	6.29	27.098	27.101	31.710	36.206	40.596	44.883	100.9	0.469	1.021	362.7
380	4.660	4.631	34.209	6.16	27.109	27.112	31.716	36.207	40.592	44.875	100.3	0.489	1.193	382.9
400	4.508	4.478	34.194	6.08	27.113	27.116	31.724	36.220	40.609	44.895	99.9	0.509	1.978	403.1
450	4.294	4.260	34.189	6.32	27.133	27.136	31.750	36.251	40.645	44.936	98.4	0.559	1.178	453.6
500	4.320	4.283	34.218	6.06	27.152	27.156	31.769	36.270	40.663	44.954	97.0	0.608	1.116	504.0
550	4.153	4.112	34.221	5.88	27.173	27.177	31.794	36.299	40.697	44.991	95.3	0.656	1.200	554.5
600	3.815	3.772	34.197	5.94	27.189	27.193	31.819	36.333	40.739	45.042	93.8	0.703	1.150	605.0
650	3.653	3.607	34.199	5.95	27.206	27.211	31.842	36.360	40.770	45.077	92.3	0.749	1.138	655.5
700	3.350	3.302	34.192	5.95	27.230	27.235	31.874	36.400	40.818	45.132	89.9	0.795	1.357	706.0
750	3.290	3.238	34.214	5.82	27.253	27.258	31.899	36.427	40.846	45.161	88.0	0.839	1.244	756.5
800	3.197	3.143	34.236	5.66	27.280	27.285	31.928	36.458	40.879	45.197	85.7	0.883	1.334	807.1
900	2.989	2.928	34.274	5.39	27.329	27.335	31.983	36.519	40.946	45.268	81.3	0.966	1.329	908.2
1000	2.820	2.753	34.310	5.17	27.373	27.379	32.032	36.572	41.003	45.330	77.4	1.046	1.287	1009.4
1100	2.737	2.663	34.366	4.92	27.425	27.431	32.086	36.628	41.061	45.389	73.0	1.121	1.234	1110.6
1200	2.707	2.625	34.422	4.70	27.472	27.479	32.135	36.678	41.111	45.440	69.0	1.192	1.250	1211.9
1300	2.733	2.643	34.488	4.44	27.523	27.531	32.185	36.727	41.159	45.487	65.0	1.259	1.153	1313.3
1400	2.692	2.594	34.526	4.31	27.556	27.565	32.221	36.763	41.196	45.525	62.4	1.323	1.057	1414.6
1500	2.657	2.551	34.566	4.19	27.592	27.601	32.258	36.801	41.235	45.564	59.6	1.383	1.013	1516.1
1600	2.754	2.639	34.624	4.16	27.629	27.639	32.293	36.833	41.265	45.592	57.1	1.442	1.973	1617.6
1700	2.647	2.525	34.642	4.20	27.653	27.663	32.321	36.864	41.298	45.627	55.0	1.498	1.026	1719.1
1800	2.569	2.439	34.661	4.32	27.675	27.686	32.345	36.890	41.326	45.658	53.3	1.552	1.864	1820.7
1900	2.639	2.499	34.701	4.17	27.700	27.712	32.370	36.913	41.347	45.677	51.8	1.604	1.802	1922.4
2000	2.543	2.396	34.719	4.17	27.723	27.735	32.395	36.941	41.378	45.711	49.8	1.655	1.922	2024.1
2100	2.484	2.329	34.733	4.34	27.739	27.753	32.414	36.962	41.400	45.734	48.6	1.704	1.867	2125.8
2200	2.581	2.415	34.768	4.46	27.759	27.774	32.433	36.978	41.414	45.745	47.8	1.753	1.686	2227.6
2300	2.561	2.385	34.790	4.57	27.778	27.793	32.453	36.999	41.435	45.768	46.5	1.800	1.842	2329.4
2400	2.393	2.211	34.775	4.65	27.781	27.796	32.461	37.011	41.452	45.789	45.8	1.846	1.735	2431.3
2500	2.512	2.319	34.813	4.79	27.801	27.817	32.479	37.026	41.464	45.798	45.3	1.892	1.665	2533.3
2600	2.300	2.101	34.789	4.75	27.800	27.816	32.484	37.037	41.481	45.821	44.5	1.936	1.693	2635.2
2700	2.171	1.965	34.784	4.74	27.806	27.823	32.494	37.051	41.499	45.842	43.6	1.981	1.726	2737.3
2800	1.988	1.776	34.767	4.67	27.807	27.824	32.501	37.063	41.516	45.864	42.7	2.024	1.736	2839.4
2900	1.936	1.714	34.771	4.66	27.815	27.832	32.511	37.075	41.529	45.879	42.0	2.066	1.690	2941.5
2963	1.886	1.660	34.776	4.70	27.823	27.840	32.520	37.086	41.542	45.892	41.2	2.092	1.858	3006.0

DE	TE	PT	SA	OX	SIL	PO4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	16.819	16.819	34.333	5.81	2.3	0.28	0.10	0.00	25.063	25.063	33.644	41.834	0.	
27	13.674	13.670	34.389	6.25	1.9	0.39	2.00	0.06	25.801	25.802	34.495	42.789	28.	
54	10.357	10.350	34.528	5.73	3.3	1.05	12.70	0.33	26.541	26.542	35.366	43.782	55.	
101	8.664	8.654	34.535	5.65	5.7	1.30	17.10	0.20	26.827	26.829	35.726	44.210	103.	
146	7.707	7.692	34.471	5.79	7.1	1.43	19.10	0.07	26.922	26.924	35.866	44.392	147.	B1
194	6.325	6.307	34.297	5.90	8.8	1.63	22.10	0.06	26.977	26.979	35.990	44.578	196.	
292	5.089	5.066	34.226	6.19	11.3	1.73	24.30	0.05	27.073	27.076	36.149	44.796	295.	
400	4.779	4.748	34.242	6.00	14.4	1.83	25.70	0.01	27.121	27.125	36.214	44.875	404.	
491	4.154	4.118	34.239	6.00	14.3	1.81	25.60	0.01	27.187	27.191	36.312	45.004	496.	B1
589	3.794	3.752	34.187	6.13	19.6	1.94	27.50	0.00	27.183	27.187	36.328	45.038	595.	
689	3.448	3.401	34.192	6.01	23.1	2.01	28.60	0.00	27.221	27.225	36.385	45.112	696.	
795	3.114	3.060	34.223	5.67	30.8	2.13	30.50	0.00	27.277	27.282	36.460	45.203	803.	
887	2.974	2.915	34.253	5.36	36.9	2.21	31.80	0.00	27.313	27.319	36.504	45.254	897.	
985	2.801	2.735	34.295	5.10	43.1	2.30	32.90	0.00	27.362	27.368	36.562	45.321	995.	
1175	2.734	2.654	34.408	4.50	56.8	2.40	34.40	0.00	27.458	27.465	36.662	45.423	1188.	
1381	2.717	2.621	34.526	4.22	64.4	2.38	34.10	0.00	27.554	27.562	36.759	45.520	1397.	B8
1576	2.675	2.563	34.599	4.16	69.2	2.34	33.60	0.00	27.616	27.626	36.824	45.587	1596.	
1771	2.795	2.665	34.697	4.38	64.9	2.18	31.60	0.00	27.684	27.695	36.887	45.643	1793.	
1971	2.543	2.399	34.709	4.33	73.1	2.18	31.70	0.00	27.715	27.728	36.933	45.703	1997.	
2153	2.524	2.363	34.757	4.50	71.5	2.11	30.50	0.00	27.755	27.769	36.976	45.746	2182.	
2354	2.382	2.205	34.775	4.57	75.5	2.09	30.10	0.00	27.782	27.796	37.012	45.790	2387.	D1
2560	2.379	2.182	34.805	4.84	69.2	1.97	28.20	0.00	27.806	27.822	37.039	45.817	2597.	D1
2760	2.079	1.868	34.775	4.69	82.1	2.08	29.90	0.00	27.807	27.823	37.058	45.853	2801.	
2927	1.905	1.681	34.780	4.73	86.6	2.08	30.00	0.00	27.824	27.842	37.086	45.891	2971.	D1

SHIP AT CRUISE 107 STATION 56
START 43 58.47 S 53 29.02 W AT 528 79/12/25
WIND = 20M/S COR. DEPTH = 5495M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.604	15.604	34.519	6.26	25.485	25.485	29.847	34.103	38.266	42.333	250.4	0.000	0.000	-0.0
10	15.611	15.610	34.514	6.47	25.479	25.480	29.841	34.100	38.260	42.327	251.2	0.025	-1.282	10.1
20	15.200	15.197	34.626	6.67	25.657	25.658	30.026	34.292	38.458	42.531	234.6	0.049	7.481	20.1
30	12.012	12.008	34.436	6.96	26.167	26.168	30.599	34.925	39.150	43.279	186.4	0.070	12.671	30.2
40	12.013	12.008	34.738	6.81	26.401	26.402	30.832	35.155	39.378	43.505	164.4	0.088	8.579	40.3
50	11.813	11.806	34.929	6.24	26.510	26.511	30.943	35.270	39.496	43.627	154.4	0.104	5.835	50.3
60	9.556	9.549	34.501	6.31	26.656	26.657	31.140	35.516	39.789	43.964	140.5	0.119	6.837	60.4
70	8.956	8.949	34.406	6.10	26.680	26.681	31.178	35.568	39.854	44.041	138.3	0.133	2.795	70.4
80	8.459	8.451	34.377	5.98	26.735	26.737	31.245	35.646	39.943	44.141	133.2	0.146	4.200	80.5
90	8.701	8.692	34.449	5.84	26.754	26.755	31.258	35.653	39.944	44.137	131.7	0.159	2.392	90.6
100	8.392	8.382	34.412	5.84	26.773	26.775	31.285	35.686	39.984	44.183	130.0	0.172	2.500	100.7
120	9.124	9.111	34.637	5.62	26.833	26.835	31.327	35.711	39.992	44.175	124.8	0.198	3.035	120.8
140	8.515	8.501	34.550	5.59	26.862	26.865	31.371	35.769	40.063	44.259	122.3	0.223	2.203	141.0
160	7.203	7.187	34.363	5.94	26.910	26.912	31.451	35.879	40.204	44.428	117.8	0.247	2.857	161.1
180	6.009	5.993	34.205	6.20	26.945	26.946	31.516	35.974	40.326	44.578	114.3	0.270	2.498	181.3
200	6.280	6.262	34.314	6.07	26.996	26.998	31.560	36.011	40.356	44.601	109.9	0.292	2.800	201.4
220	5.815	5.796	34.279	5.90	27.027	27.030	31.603	36.066	40.422	44.677	106.9	0.314	2.318	221.6
240	5.549	5.529	34.257	5.97	27.043	27.045	31.626	36.095	40.458	44.719	105.6	0.335	1.631	241.7
260	5.586	5.564	34.287	5.94	27.062	27.065	31.644	36.112	40.474	44.734	104.0	0.356	1.740	261.9
280	5.446	5.423	34.280	5.82	27.073	27.076	31.659	36.131	40.496	44.760	103.1	0.377	1.392	282.1
300	5.226	5.202	34.260	5.81	27.084	27.087	31.676	36.153	40.524	44.793	102.2	0.397	1.416	302.2
320	4.812	4.788	34.221	6.03	27.101	27.103	31.703	36.191	40.572	44.850	100.6	0.418	1.749	322.4
340	4.410	4.385	34.173	6.36	27.108	27.110	31.721	36.219	40.610	44.899	99.8	0.438	1.279	342.6
360	4.379	4.353	34.174	6.45	27.112	27.115	31.726	36.225	40.617	44.906	99.6	0.458	849	362.7
380	4.349	4.321	34.180	6.50	27.120	27.123	31.735	36.235	40.627	44.917	98.9	0.478	1.165	382.9
400	4.394	4.364	34.198	6.28	27.129	27.132	31.743	36.242	40.633	44.922	98.3	0.497	1.166	403.1
450	4.089	4.056	34.187	6.28	27.153	27.156	31.775	36.282	40.681	44.977	96.2	0.546	1.311	453.6
500	3.877	3.842	34.182	6.28	27.170	27.174	31.798	36.311	40.715	45.016	94.8	0.594	1.133	504.0
550	3.636	3.598	34.183	6.24	27.196	27.199	31.831	36.349	40.760	45.067	92.5	0.640	1.346	554.5
600	3.423	3.382	34.187	6.17	27.219	27.223	31.860	36.384	40.800	45.112	90.4	0.686	1.301	605.0
650	3.260	3.216	34.191	6.08	27.238	27.242	31.884	36.412	40.832	45.148	88.7	0.731	1.172	655.5
700	3.081	3.035	34.198	6.00	27.260	27.264	31.911	36.444	40.868	45.189	86.7	0.775	1.258	706.0
750	2.986	2.937	34.222	5.83	27.287	27.292	31.941	36.477	40.903	45.226	84.2	0.817	1.360	756.5
800	2.901	2.848	34.245	5.59	27.314	27.319	31.970	36.508	40.936	45.261	81.9	0.859	1.334	807.1
900	2.747	2.688	34.293	5.26	27.365	27.370	32.026	36.567	41.000	45.328	77.4	0.939	1.349	908.2
1000	2.758	2.691	34.358	4.87	27.416	27.422	32.077	36.618	41.050	45.378	73.2	1.014	1.225	1009.4
1100	2.645	2.572	34.407	4.60	27.465	27.472	32.129	36.673	41.108	45.438	68.9	1.085	1.282	1110.6
1200	2.694	2.613	34.473	4.41	27.514	27.521	32.177	36.719	41.152	45.481	65.2	1.152	1.186	1211.9
1300	2.642	2.553	34.514	4.31	27.551	27.559	32.216	36.759	41.194	45.524	62.1	1.216	1.209	1313.2
1400	2.698	2.600	34.576	4.30	27.596	27.605	32.260	36.802	41.234	45.563	58.7	1.276	1.144	1414.6
1500	2.550	2.446	34.599	4.17	27.627	27.636	32.295	36.841	41.277	45.609	55.9	1.334	1.067	1516.1
1600	2.516	2.404	34.628	4.12	27.653	27.663	32.323	36.870	41.307	45.640	53.9	1.388	875	1617.6
1700	2.621	2.499	34.679	4.27	27.685	27.695	32.353	36.896	41.331	45.661	52.0	1.441	894	1719.1
1800	2.421	2.294	34.677	4.17	27.700	27.711	32.374	36.923	41.363	45.698	50.3	1.492	808	1820.7
1900	2.523	2.385	34.719	4.36	27.725	27.737	32.397	36.943	41.381	45.713	49.0	1.542	817	1922.3
2000	2.474	2.328	34.736	4.44	27.743	27.755	32.417	36.965	41.403	45.738	47.6	1.590	808	2024.0
2100	2.338	2.185	34.735	4.40	27.753	27.766	32.432	36.983	41.425	45.763	46.5	1.637	765	2125.8
2200	2.393	2.230	34.763	4.53	27.771	27.784	32.449	36.999	41.439	45.776	45.7	1.683	661	2227.6
2300	2.491	2.317	34.900	4.73	27.792	27.807	32.468	37.016	41.454	45.788	44.9	1.729	687	2329.4
2400	2.359	2.178	34.793	4.71	27.798	27.813	32.478	37.030	41.471	45.809	44.1	1.773	741	2431.3
2500	2.270	2.081	34.787	4.76	27.801	27.816	32.484	37.038	41.483	45.823	43.8	1.817	383	2533.2
2600	2.149	1.953	34.783	4.74	27.807	27.823	32.495	37.052	41.500	45.843	42.9	1.860	653	2635.2
2700	2.012	1.809	34.771	4.73	27.809	27.824	32.500	37.062	41.514	45.861	42.3	1.903	673	2737.3
2800	1.879	1.669	34.762	4.68	27.812	27.828	32.508	37.074	41.529	45.880	41.5	1.945	719	2839.3
2900	1.773	1.556	34.758	4.67	27.817	27.833	32.516	37.085	41.544	45.897	40.7	1.986	717	2941.5
2970	1.660	1.438	34.747	4.65	27.817	27.833	32.520	37.092	41.554	45.910	40.1	2.015	706	3013.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
1	15.156	15.156	34.531	6.07	1.2	0.26	0.10	0.01	25.594	25.594	34.230	42.472	2.	
25	15.126	15.122	34.538	6.07	1.1	0.26	0.10	0.01	25.606	25.607	34.244	42.487	25.	B1
54	11.004	10.997	34.678	6.14	2.7	0.81	8.50	0.27	26.543	26.544	35.338	43.727	55.	
103	8.111	8.100	34.402	5.85	5.0	1.31	17.60	0.23	26.808	26.809	35.734	44.243	104.	
142	9.504	9.488	34.849	5.93	5.0	1.06	13.70	0.04	26.937	26.939	35.796	44.241	143.	B1
192	6.713	6.696	34.318	5.83	8.8	1.58	22.00	0.04	26.942	26.944	35.936	44.507	193.	
294	5.550	5.525	34.292	5.79	12.5	1.73	24.60	0.01	27.071	27.074	36.123	44.747	297.	
402	4.457	4.427	34.200	6.24	13.9	1.78	25.50	0.00	27.124	27.127	36.233	44.910	406.	B9
491	4.034	3.998	34.184	6.25	16.0	1.82	26.20	0.00	27.156	27.159	36.288	44.986	496.	
588	3.647	3.606	34.182	6.16	19.4	1.91	27.50	0.01	27.193	27.197	36.347	45.064	594.	
685	3.279	3.232	34.218	5.84	26.5	2.02	29.20	0.01	27.257	27.262	36.430	45.166	692.	B1
826	2.886	2.831	34.250	5.43	36.5	2.16	31.50	0.01	27.319	27.324	36.514	45.268	834.	
890	2.838	2.779	34.292	5.11	42.0	2.22	32.50	0.01	27.357	27.362	36.554	45.310	900.	
988	2.752	2.687	34.351	4.73	50.5	2.32	33.70	0.01	27.411	27.417	36.613	45.374	999.	
1182	2.698	2.618	34.471	4.30	61.7	2.37	34.30	0.02	27.512	27.519	36.717	45.478	1195.	
1412	2.685	2.586	34.582	4.16	67.6	2.31	33.50	0.02	27.602	27.610	36.808	45.570	1428.	
1577	2.419	2.310	34.596	4.02	78.3	2.35	34.10	0.01	27.636	27.645	36.857	45.633	1596.	D1
1805	2.452	2.323	34.679	4.22	77.7	2.24	32.80	0.01	27.699	27.710	36.920	45.694	1828.	
1977	2.514	2.369	34.723	4.38	75.1	2.14	31.20	0.01	27.729	27.741	36.948	45.719	2003.	
2156	2.338	2.180	34.743	4.42	79.1	2.12	31.00	0.01	27.760	27.773	36.990	45.770	2185.	
2364	2.425	2.246	34.796	4.82	68.6	1.94	28.10	0.02	27.795	27.810	37.023	45.799	2397.	
2560	2.171	1.978	34.774	4.75	78.1	2.00	29.20	0.01	27.798	27.814	37.042	45.832	2597.	D1
2760	1.979	1.771	34.745	4.75	80.7	2.05	29.60	0.01	27.791	27.807	37.047	45.848	2801.	
2937	1.693	1.473	34.747	4.64	96.0	2.14	31.10	0.01	27.814	27.831	37.087	45.904	2982.	B1

SHIP AT CRUISE 107 STATION 57
START 43 48.94 S 52 49.57 W AT 1100 79/12/25
WIND = 15M/S COR. DEPTH = 5846M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.954	14.954	34.462	5.37	25.585	25.585	29.959	34.229	38.401	42.479	240.9	0.000	0.000	-0.0
10	14.970	14.969	34.445	6.36	25.569	25.569	29.943	34.213	38.385	42.463	242.7	0.024	-2.231	10.1
20	14.950	14.947	34.457	6.52	25.582	25.583	29.957	34.228	38.400	42.478	241.7	0.048	-2.089	20.1
30	13.261	13.257	34.548	6.73	26.008	26.009	30.414	34.715	38.916	43.022	201.5	0.071	11.570	30.2
40	10.556	10.551	34.261	7.07	26.298	26.299	30.762	35.118	39.373	43.530	174.1	0.089	9.578	40.3
50	9.720	9.715	34.287	6.78	26.462	26.463	30.944	35.318	39.589	43.762	158.7	0.106	7.192	50.3
60	9.006	9.000	34.332	6.51	26.614	26.615	31.112	35.500	39.786	43.973	144.4	0.121	6.920	60.4
70	7.884	7.877	34.215	6.42	26.695	26.696	31.220	35.634	39.944	44.155	136.7	0.135	5.097	70.4
80	7.805	7.797	34.324	6.21	26.792	26.793	31.318	35.733	40.044	44.256	127.7	0.148	5.514	80.5
90	8.378	8.369	34.480	5.93	26.828	26.830	31.340	35.741	40.039	44.238	124.6	0.161	3.332	90.6
100	8.742	8.732	34.597	5.70	26.863	26.865	31.365	35.758	40.047	44.238	121.5	0.173	3.266	100.7
120	10.173	10.159	34.975	5.80	26.921	26.924	31.390	35.749	40.007	44.167	116.7	0.197	2.948	120.8
140	10.175	10.158	34.985	5.87	26.929	26.932	31.398	35.757	40.014	44.174	116.5	0.220	1.110	141.0
160	10.040	10.021	34.960	5.93	26.933	26.936	31.405	35.768	40.028	44.191	116.5	0.244	0.866	161.1
180	9.974	9.953	34.950	5.91	26.936	26.940	31.410	35.774	40.036	44.200	116.6	0.267	0.765	181.3
200	9.671	9.648	34.893	5.95	26.943	26.947	31.425	35.795	40.063	44.234	116.3	0.290	1.141	201.4
220	8.061	8.039	34.643	6.01	27.004	27.007	31.524	35.931	40.235	44.439	110.2	0.313	3.285	221.6
240	7.249	7.227	34.520	5.88	27.026	27.029	31.566	35.993	40.315	44.537	108.1	0.335	2.041	241.7
260	6.360	6.337	34.393	5.73	27.048	27.051	31.610	36.059	40.402	44.644	105.8	0.356	2.069	261.9
280	5.190	5.168	34.240	5.91	27.073	27.075	31.665	36.143	40.515	44.785	103.0	0.377	2.258	282.1
300	4.659	4.636	34.178	6.06	27.084	27.087	31.691	36.182	40.567	44.850	101.8	0.398	1.569	302.2
320	4.561	4.537	34.173	6.31	27.091	27.094	31.700	36.195	40.582	44.867	101.2	0.418	1.114	322.4
340	4.586	4.560	34.189	6.22	27.101	27.103	31.709	36.203	40.590	44.874	100.6	0.438	1.205	342.6
360	4.456	4.430	34.181	6.32	27.109	27.112	31.721	36.218	40.608	44.895	99.9	0.458	1.238	362.7
380	4.259	4.231	34.170	6.38	27.121	27.124	31.739	36.241	40.636	44.928	98.7	0.478	1.502	382.9
400	4.075	4.046	34.154	6.40	27.128	27.131	31.750	36.258	40.657	44.954	98.1	0.498	1.141	403.1
450	3.901	3.869	34.157	6.39	27.148	27.151	31.775	36.287	40.691	44.992	96.5	0.546	1.187	453.6
500	3.652	3.618	34.154	6.32	27.170	27.174	31.805	36.323	40.733	45.040	94.5	0.594	1.271	504.0
550	3.539	3.501	34.171	6.23	27.195	27.199	31.833	36.354	40.767	45.076	92.4	0.641	1.291	554.5
600	3.420	3.379	34.190	5.93	27.222	27.226	31.863	36.387	40.803	45.115	90.1	0.686	1.340	605.0
650	3.112	3.069	34.181	5.88	27.243	27.247	31.893	36.426	40.849	45.169	87.9	0.731	1.303	655.5
700	2.881	2.836	34.191	5.75	27.273	27.277	31.929	36.467	40.897	45.223	85.1	0.774	1.448	706.0
750	2.768	2.719	34.210	5.58	27.298	27.302	31.957	36.499	40.931	45.259	82.9	0.816	1.310	756.5
800	2.732	2.681	34.241	5.37	27.325	27.330	31.986	36.528	40.961	45.290	80.5	0.857	1.337	807.1
900	2.759	2.700	34.309	4.87	27.377	27.382	32.037	36.578	41.011	45.339	76.3	0.936	1.333	908.2
1000	2.665	2.599	34.365	4.48	27.430	27.436	32.093	36.636	41.071	45.401	71.7	1.010	1.317	1009.4
1100	2.769	2.694	34.437	4.18	27.479	27.485	32.139	36.679	41.111	45.438	69.1	1.079	1.198	1110.6
1200	2.690	2.608	34.472	4.06	27.514	27.521	32.177	36.719	41.152	45.481	65.2	1.146	1.041	1211.9
1300	2.524	2.437	34.497	3.92	27.547	27.555	32.215	36.762	41.200	45.533	62.1	1.210	1.129	1313.3
1400	2.606	2.509	34.562	3.88	27.592	27.601	32.259	36.803	41.238	45.569	58.7	1.270	1.078	1414.7
1500	2.656	2.550	34.609	3.91	27.626	27.635	32.291	36.834	41.268	45.598	56.4	1.327	0.932	1516.1
1600	2.659	2.545	34.650	4.00	27.658	27.668	32.324	36.866	41.300	45.630	54.1	1.383	0.974	1617.6
1700	2.635	2.512	34.670	4.10	27.676	27.686	32.344	36.887	41.321	45.651	52.9	1.436	0.838	1719.1
1800	2.596	2.466	34.697	4.18	27.701	27.712	32.370	36.914	41.350	45.681	51.0	1.488	0.949	1820.7
1900	2.372	2.236	34.685	4.06	27.711	27.722	32.387	36.937	41.379	45.716	49.6	1.538	0.843	1922.4
2000	2.417	2.272	34.717	4.19	27.732	27.744	32.408	36.957	41.397	45.733	48.4	1.587	0.733	2024.1
2100	2.567	2.410	34.764	4.58	27.757	27.771	32.430	36.975	41.411	45.743	47.4	1.635	0.730	2125.8
2200	2.580	2.414	34.786	4.68	27.773	27.788	32.446	36.992	41.427	45.759	46.5	1.682	0.710	2227.6
2300	2.494	2.319	34.789	4.74	27.783	27.798	32.459	37.007	41.445	45.779	45.7	1.728	0.687	2329.4
2400	2.362	2.180	34.783	4.85	27.790	27.805	32.470	37.021	41.464	45.801	44.9	1.773	0.666	2431.3
2500	2.294	2.105	34.785	4.70	27.797	27.813	32.480	37.034	41.477	45.817	44.3	1.818	0.587	2533.3
2600	2.254	2.056	34.791	4.78	27.805	27.822	32.490	37.045	41.490	45.831	43.7	1.862	0.672	2635.3
2700	2.132	1.926	34.782	4.69	27.808	27.824	32.497	37.055	41.504	45.848	43.2	1.905	0.724	2737.3
2800	2.089	1.874	34.792	4.84	27.819	27.836	32.510	37.070	41.520	45.865	42.3	1.948	0.641	2839.4
2900	1.883	1.662	34.767	4.71	27.816	27.833	32.513	37.078	41.534	45.885	41.6	1.990	0.656	2941.5
2974	1.731	1.507	34.750	4.66	27.814	27.831	32.515	37.085	41.545	45.900	40.9	2.021	0.616	3017.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG	
0	15.009	15.009	34.472	6.08	1.9	0.29	0.40	0.01	25.581	25.581	34.223	42.471	1.	B1	
24	13.321	13.317	34.297	6.49	1.9	0.46	3.30	0.08	25.802	25.803	34.510	42.819	24.		
54	11.041	11.034	34.824	5.60	3.6	0.92	11.20	0.27	26.649	26.651	35.442	43.827	55.		
85	10.237	10.227	34.778	5.51	5.1	1.11	14.50	0.15	26.757	26.758	35.584	44.001	87.		
148	9.930	9.913	34.934	5.95	4.6	0.99	12.60	0.02	26.931	26.934	35.771	44.198	149.		
192	9.764	9.742	34.903	5.94	5.1	1.02	13.20	0.02	26.935	26.939	35.783	44.218	194.		
290	5.048	5.025	34.207	6.41	9.8	1.66	23.40	0.10	27.063	27.066	36.141	44.790	293.		
428	4.215	4.184	34.176	6.45	13.4	1.76	25.10	0.01	27.131	27.134	36.253	44.942	432.		
492	3.969	3.934	34.190	6.33	15.8	1.82	26.00	0.00	27.167	27.171	36.303	45.004	497.		
592	3.484	3.443	34.180	6.08	21.7	1.96	28.20	0.00	27.208	27.212	36.370	45.095	599.		
689	3.170	3.123	34.212	5.74	28.5	2.06	29.90	0.00	27.263	27.267	36.442	45.182	696.		
787	2.854	2.802	34.233	5.67	35.2	2.17	31.50	0.00	27.308	27.313	36.505	45.261	795.		
887	2.771	2.713	34.294	5.08	42.1	2.27	32.70	0.00	27.364	27.369	36.565	45.325	897.		
985	2.767	2.701	34.349	4.75	50.8	2.34	33.70	0.00	27.408	27.414	36.609	45.369	995.		
1184	2.711	2.631	34.465	4.39	61.6	2.38	34.20	0.00	27.506	27.513	36.710	45.472	1198.		
1381	2.533	2.439	34.548	4.05	72.4	2.38	34.50	0.00	27.588	27.596	36.802	45.572	1397.		
1574	2.670	2.558	34.646	4.19	68.8	2.24	32.60	0.00	27.654	27.664	36.862	45.624	1593.		
1774	2.578	2.450	34.689	4.23	73.0	2.21	32.30	0.00	27.696	27.707	36.911	45.678	1796.		
1976	2.491	2.346	34.734	4.37	74.0	2.12	31.20	0.00	27.740	27.752	36.960	45.732	2002.		
2141	2.449	2.290	34.756	4.46	74.9	2.08	30.50	0.00	27.761	27.774	36.985	45.759	2170.		
2355	2.462	2.283	34.800	4.74	69.6	1.97	28.80	0.00	27.795	27.810	37.021	45.795	2388.	D1	
2552	2.263	2.069	34.786	4.72	75.4	2.00	29.10	0.00	27.800	27.816	37.039	45.824	2589.		
2751	2.149	1.938	34.784	4.78	78.1	2.01	29.00	0.00	27.808	27.825	37.055	45.847	2792.		B1
2877	1.885	1.666	34.769	4.64	88.8	2.09	30.50	0.00	27.817	27.834	37.079	45.886	2921.		

SHIP AT CRUISE 107 STATION 58
START 43 40.00 S 52 7.80 W AT 1604 79/12/25
WIND = 20M/S COR. DEPTH = 5712M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.137	14.137	34.717	6.25	25.957	25.957	30.344	34.628	38.812	42.902	205.5	0.000	0.000	- .0
10	14.100	14.098	34.704	6.85	25.955	25.955	30.344	34.628	38.813	42.904	206.0	.021	- .738	10.1
20	13.824	13.821	34.662	6.97	25.980	25.981	30.375	34.664	38.855	42.950	203.9	.041	2.839	20.1
30	12.465	12.461	34.674	7.09	26.264	26.264	30.685	35.000	39.215	43.334	177.2	.060	9.442	30.2
40	11.324	11.319	34.648	7.19	26.461	26.462	30.906	35.244	39.480	43.621	158.7	.077	7.884	40.3
50	10.896	10.890	34.774	6.88	26.636	26.638	31.090	35.435	39.680	43.827	142.2	.092	7.432	50.3
60	10.046	10.039	34.662	6.80	26.699	26.700	31.172	35.535	39.797	43.962	136.4	.106	4.472	60.4
70	9.676	9.668	34.721	6.67	26.808	26.809	31.288	35.659	39.928	44.099	126.3	.119	5.848	70.5
80	8.782	8.774	34.599	6.56	26.859	26.860	31.360	35.751	40.039	44.229	121.6	.131	4.053	80.5
90	9.255	9.245	34.738	6.32	26.891	26.892	31.380	35.761	40.038	44.218	118.8	.143	3.144	90.6
100	9.551	9.540	34.850	6.24	26.930	26.932	31.412	35.785	40.056	44.229	115.4	.155	3.472	100.7
120	9.575	9.561	34.858	6.16	26.932	26.934	31.415	35.787	40.057	44.230	115.6	.178	.624	120.8
140	8.539	8.524	34.687	6.19	26.965	26.967	31.472	35.869	40.162	44.356	112.6	.201	2.394	141.0
160	7.241	7.226	34.482	6.36	26.998	27.000	31.537	35.964	40.287	44.509	109.4	.223	2.421	161.1
180	6.374	6.358	34.369	6.28	27.027	27.029	31.588	36.036	40.379	44.621	106.7	.245	2.268	181.3
200	5.603	5.586	34.278	6.21	27.053	27.055	31.634	36.102	40.463	44.723	104.1	.266	2.167	201.4
220	5.196	5.179	34.235	6.17	27.068	27.070	31.659	36.137	40.509	44.778	102.8	.287	1.629	221.6
240	4.918	4.899	34.212	6.13	27.082	27.084	31.681	36.166	40.545	44.821	101.5	.307	1.574	241.8
260	4.656	4.636	34.194	6.22	27.097	27.099	31.703	36.195	40.580	44.862	100.1	.327	1.626	261.9
280	4.333	4.312	34.164	6.37	27.108	27.111	31.723	36.223	40.616	44.907	99.1	.347	1.466	282.1
300	4.235	4.214	34.160	6.55	27.116	27.118	31.733	36.236	40.631	44.924	98.5	.367	1.133	302.3
320	4.106	4.083	34.149	6.56	27.121	27.123	31.741	36.248	40.646	44.942	98.1	.387	.968	322.4
340	4.186	4.161	34.173	6.44	27.132	27.134	31.750	36.254	40.651	44.945	97.3	.406	1.282	342.6
360	4.201	4.175	34.183	6.32	27.138	27.141	31.757	36.260	40.656	44.950	96.9	.426	.998	362.8
380	4.087	4.060	34.182	6.18	27.149	27.152	31.771	36.277	40.676	44.972	96.0	.445	1.386	382.9
400	3.960	3.931	34.172	6.24	27.154	27.157	31.780	36.290	40.692	44.991	95.5	.464	1.027	403.1
450	3.905	3.874	34.190	6.20	27.174	27.177	31.801	36.312	40.716	45.016	94.1	.511	1.130	453.6
500	3.780	3.745	34.189	6.07	27.186	27.189	31.816	36.331	40.738	45.041	93.2	.558	.931	504.1
550	3.463	3.425	34.177	6.11	27.207	27.211	31.847	36.370	40.785	45.096	91.2	.604	1.278	554.6
600	3.488	3.447	34.208	5.91	27.230	27.234	31.869	36.391	40.805	45.116	89.5	.649	1.184	605.1
650	3.209	3.165	34.206	5.86	27.255	27.259	31.902	36.431	40.852	45.170	87.0	.694	1.369	655.5
700	3.025	2.979	34.208	5.82	27.273	27.277	31.925	36.460	40.886	45.208	85.3	.737	1.172	706.1
750	2.870	2.821	34.224	5.65	27.300	27.304	31.956	36.495	40.924	45.250	82.9	.779	1.363	756.6
800	2.869	2.817	34.265	5.41	27.332	27.337	31.989	36.527	40.957	45.282	80.1	.819	1.430	807.1
900	2.782	2.723	34.326	5.08	27.389	27.394	32.048	36.589	41.020	45.348	75.2	.897	1.487	908.3
1000	2.759	2.692	34.379	4.66	27.434	27.439	32.094	36.635	41.066	45.394	71.6	.971	1.193	1009.5
1100	2.729	2.655	34.443	4.37	27.487	27.494	32.148	36.690	41.122	45.450	67.2	1.040	1.342	1110.7
1200	2.704	2.623	34.497	4.21	27.532	27.539	32.194	36.736	41.169	45.497	63.5	1.106	1.117	1212.0
1300	2.688	2.599	34.537	4.15	27.565	27.573	32.229	36.771	41.204	45.533	60.9	1.168	1.012	1313.3
1400	2.692	2.595	34.586	4.15	27.604	27.612	32.268	36.810	41.242	45.571	58.0	1.227	.972	1414.7
1500	2.633	2.528	34.620	4.18	27.636	27.645	32.302	36.845	41.280	45.610	55.4	1.284	1.137	1516.2
1600	2.710	2.596	34.666	4.25	27.666	27.676	32.331	36.872	41.304	45.632	53.5	1.338	1.006	1617.7
1700	2.744	2.620	34.700	4.30	27.690	27.701	32.355	36.895	41.326	45.653	52.0	1.391	.899	1719.2
1800	2.688	2.556	34.720	4.40	27.711	27.723	32.378	36.920	41.353	45.681	50.4	1.442	.783	1820.8
1900	2.679	2.538	34.747	4.46	27.734	27.746	32.402	36.944	41.377	45.706	48.9	1.492	.796	1922.5
2000	2.661	2.512	34.766	4.51	27.751	27.764	32.420	36.963	41.396	45.726	47.9	1.540	.763	2024.2
2100	2.665	2.507	34.785	4.66	27.765	27.779	32.435	36.978	41.411	45.740	47.1	1.588	.625	2125.9
2200	2.423	2.259	34.765	4.64	27.770	27.784	32.447	36.996	41.437	45.772	46.0	1.634	.738	2227.7
2300	2.304	2.133	34.762	4.46	27.778	27.792	32.459	37.012	41.455	45.794	45.1	1.680	.618	2329.5
2400	2.341	2.160	34.786	4.67	27.794	27.809	32.475	37.026	41.469	45.807	44.4	1.724	.695	2431.4
2500	2.106	1.920	34.760	4.61	27.792	27.807	32.480	37.038	41.487	45.832	43.6	1.768	.615	2533.4
2600	2.091	1.896	34.772	4.65	27.803	27.819	32.492	37.051	41.501	45.846	42.9	1.812	.630	2635.3
2700	1.942	1.740	34.761	4.66	27.806	27.822	32.500	37.063	41.517	45.866	42.1	1.854	.594	2737.4
2800	1.832	1.623	34.757	4.61	27.812	27.828	32.509	37.076	41.533	45.885	41.2	1.896	.634	2839.5
2900	1.744	1.527	34.754	4.61	27.816	27.832	32.516	37.086	41.545	45.899	40.6	1.936	.633	2941.6
2958	1.661	1.440	34.748	4.62	27.817	27.834	32.521	37.092	41.554	45.911	40.1	1.960	.955	3001.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
2	14.274	14.274	34.837	6.10	1.6	0.40	3.00	0.07	26.020	26.021	34.685	42.953	2.	
24	13.649	13.645	34.776	6.22	1.7	0.43	3.50	0.08	26.105	26.105	34.794	43.085	25.	
54	11.238	11.231	34.649	6.29	1.9	0.70	7.60	0.16	26.477	26.479	35.264	43.644	55.	
96	8.644	8.634	34.598	5.99	4.5	1.22	16.00	0.04	26.879	26.881	35.779	44.263	97.	
139	7.678	7.664	34.552	6.11	5.8	1.33	17.70	0.10	26.990	26.992	35.934	44.460	141.	B1
193	5.564	5.548	34.269	6.25	9.0	1.68	23.00	0.02	27.051	27.053	36.101	44.724	196.	
291	4.581	4.559	34.202	6.37	11.8	1.83	24.90	0.03	27.112	27.114	36.213	44.884	294.	
399	3.973	3.944	34.170	6.51	14.3	1.87	25.80	0.02	27.151	27.154	36.286	44.987	404.	
484	3.599	3.565	34.157	6.35	17.7	1.95	27.40	0.02	27.178	27.181	36.333	45.053	489.	
589	3.370	3.330	34.187	6.06	22.9	2.05	29.20	0.01	27.224	27.228	36.392	45.123	595.	
688	3.002	2.956	34.196	5.78	28.4	2.16	30.80	0.01	27.266	27.270	36.453	45.203	695.	
788	2.804	2.753	34.240	5.41	35.6	2.29	32.40	0.01	27.318	27.323	36.517	45.276	797.	
884	2.773	2.715	34.301	4.97	43.8	2.38	33.50	0.01	27.370	27.375	36.570	45.330	894.	
986	2.755	2.689	34.374	4.62	52.3	2.43	34.60	0.01	27.429	27.435	36.631	45.391	997.	
1186	2.693	2.612	34.481	4.22	62.9	2.47	35.10	0.01	27.520	27.527	36.725	45.487	1200.	
1377	2.677	2.582	34.567	4.14	67.3	2.43	34.40	0.00	27.590	27.599	36.797	45.559	1393.	
1577	2.729	2.616	34.656	4.23	66.8	2.36	32.70	0.00	27.657	27.667	36.861	45.621	1596.	
1772	2.756	2.626	34.722	4.39	65.3	2.17	31.20	0.00	27.707	27.718	36.912	45.669	1795.	
1972	2.609	2.463	34.754	4.48	69.2	2.13	30.70	0.00	27.745	27.758	36.960	45.725	1998.	
2162	2.644	2.480	34.803	4.79	62.2	1.97	28.30	0.00	27.781	27.796	36.996	45.759	2192.	
2363	2.357	2.180	34.793	4.72	72.8	2.05	29.40	0.00	27.798	27.813	37.030	45.809	2396.	D1
2557	2.139	1.947	34.777	4.66	80.3	2.13	30.20	0.00	27.803	27.819	37.048	45.840	2594.	
2757	1.857	1.651	34.762	4.61	89.7	2.16	31.50	0.00	27.814	27.829	37.076	45.883	2798.	D1
2948	1.673	1.452	34.764	4.59	97.2	2.18	31.80	0.00	27.829	27.846	37.103	45.921	2993.	B1

SHIP AT CRUISE 107 STATION 59
START 43 29.60 S 51 30.24 W AT 2214 79/12/25
WIND = 9M/S COR. DEPTH = 5619M

DE	TE	PT	SA	DX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR	
0	13.791	13.791	34.498	6.45	25.861	25.861	30.256	34.547	38.739	42.837	214.7	0.000	0.000	-	0
10	13.817	13.816	34.491	6.94	25.850	25.850	30.245	34.536	38.727	42.824	216.0	0.022	-1.840	10.1	1
20	13.101	13.098	34.524	7.40	26.022	26.023	30.432	34.735	38.939	43.049	199.9	0.042	7.365	20.1	1
30	11.691	11.687	34.468	8.04	26.253	26.254	30.692	35.023	39.254	43.389	178.2	0.061	8.530	30.2	1
40	11.045	11.040	34.580	7.90	26.459	26.460	30.910	35.254	39.497	43.643	158.8	0.078	8.057	40.3	1
50	10.399	10.393	34.555	7.73	26.555	26.556	31.020	35.377	39.633	43.791	150.0	0.094	5.485	50.3	1
60	10.329	10.322	34.608	7.31	26.608	26.609	31.075	35.433	39.690	43.849	145.1	0.108	4.098	60.4	1
70	9.454	9.446	34.486	7.14	26.661	26.663	31.148	35.526	39.801	43.978	140.2	0.123	4.147	70.5	1
80	9.382	9.374	34.566	7.02	26.735	26.737	31.223	35.602	39.878	44.056	133.4	0.136	4.825	80.5	1
90	9.176	9.166	34.598	6.82	26.794	26.796	31.287	35.670	39.950	44.132	128.0	0.149	4.311	90.6	1
100	8.890	8.879	34.572	6.73	26.820	26.822	31.320	35.709	39.995	44.183	125.6	0.162	2.903	100.7	1
120	8.274	8.261	34.535	6.54	26.888	26.890	31.401	35.805	40.104	44.305	119.5	0.186	3.289	120.8	1
140	7.564	7.551	34.466	6.49	26.939	26.941	31.470	35.890	40.205	44.421	114.8	0.210	2.891	141.0	1
160	6.508	6.494	34.352	6.49	26.996	26.998	31.554	35.999	40.339	44.578	109.3	0.232	3.103	161.1	1
180	6.039	6.024	34.291	6.36	27.009	27.011	31.579	36.036	40.387	44.637	108.2	0.254	1.522	181.3	1
200	5.335	5.319	34.216	6.38	27.036	27.038	31.624	36.099	40.467	44.734	105.6	0.275	2.195	201.4	1
220	4.997	4.980	34.194	6.29	27.058	27.060	31.655	36.138	40.515	44.789	103.6	0.296	1.943	221.6	1
240	4.724	4.706	34.180	6.36	27.078	27.080	31.682	36.172	40.555	44.837	101.8	0.317	1.834	241.8	1
260	4.648	4.629	34.189	6.29	27.094	27.096	31.700	36.192	40.577	44.860	100.4	0.337	1.602	261.9	1
280	4.432	4.411	34.172	6.35	27.105	27.107	31.717	36.214	40.605	44.893	99.5	0.357	1.386	282.1	1
300	4.373	4.351	34.179	6.36	27.116	27.119	31.730	36.229	40.621	44.910	98.6	0.377	1.380	302.3	1
320	4.263	4.240	34.176	6.39	27.125	27.128	31.742	36.244	40.639	44.931	97.8	0.397	1.272	322.4	1
340	4.169	4.144	34.172	6.35	27.132	27.135	31.752	36.256	40.653	44.947	97.2	0.416	1.103	342.6	1
360	4.063	4.038	34.169	6.34	27.141	27.144	31.763	36.270	40.670	44.967	96.5	0.435	1.233	362.8	1
380	3.952	3.925	34.164	6.37	27.148	27.151	31.773	36.283	40.686	44.986	95.9	0.455	1.146	382.9	1
400	3.811	3.783	34.156	6.35	27.157	27.160	31.786	36.300	40.706	45.009	95.1	0.474	1.264	403.1	1
450	3.629	3.598	34.162	6.31	27.179	27.182	31.814	36.333	40.743	45.050	93.2	0.521	1.250	453.6	1
500	3.429	3.395	34.172	6.15	27.206	27.210	31.847	36.371	40.786	45.098	90.8	0.567	1.368	504.1	1
550	3.284	3.247	34.181	6.00	27.228	27.231	31.872	36.399	40.819	45.134	89.0	0.612	1.212	554.6	1
600	3.093	3.054	34.183	5.86	27.247	27.250	31.896	36.429	40.853	45.174	87.3	0.656	1.178	605.1	1
650	2.953	2.910	34.193	5.79	27.268	27.272	31.922	36.458	40.886	45.210	85.4	0.699	1.222	655.5	1
700	2.879	2.833	34.210	5.65	27.288	27.292	31.944	36.482	40.912	45.237	83.7	0.741	1.152	706.1	1
750	2.795	2.746	34.235	5.50	27.315	27.319	31.973	36.514	40.946	45.273	81.3	0.783	1.356	756.6	1
800	2.690	2.638	34.250	5.37	27.337	27.341	31.998	36.541	40.976	45.305	79.4	0.823	1.220	807.2	1
900	2.729	2.670	34.322	4.95	27.390	27.395	32.051	36.593	41.026	45.354	75.0	0.900	1.232	908.3	1
1000	2.719	2.653	34.384	4.60	27.441	27.447	32.102	36.644	41.077	45.406	70.8	0.973	1.230	1009.5	1
1100	2.709	2.636	34.439	4.37	27.485	27.492	32.147	36.689	41.122	45.451	67.3	1.042	1.103	1110.7	1
1200	2.653	2.572	34.489	4.24	27.530	27.537	32.194	36.737	41.171	45.501	63.5	1.107	1.235	1212.0	1
1300	2.620	2.532	34.534	4.14	27.569	27.577	32.234	36.778	41.213	45.544	60.4	1.169	1.082	1313.3	1
1400	2.632	2.535	34.583	4.09	27.607	27.616	32.273	36.816	41.250	45.580	57.5	1.228	1.099	1414.7	1
1500	2.572	2.467	34.609	4.13	27.633	27.642	32.301	36.846	41.282	45.613	55.4	1.284	0.971	1516.2	1
1600	2.654	2.540	34.653	4.16	27.661	27.671	32.327	36.870	41.304	45.633	53.7	1.339	0.935	1617.7	1
1700	2.605	2.484	34.676	4.18	27.684	27.694	32.352	36.896	41.331	45.661	52.0	1.392	0.868	1719.2	1
1800	2.508	2.378	34.692	4.22	27.705	27.716	32.376	36.923	41.360	45.694	50.2	1.443	0.925	1820.8	1
1900	2.456	2.319	34.705	4.27	27.720	27.731	32.393	36.942	41.381	45.715	49.2	1.493	0.807	1922.5	1
2000	2.898	2.745	34.804	4.68	27.759	27.773	32.423	36.958	41.386	45.709	48.2	1.541	0.727	2024.2	1
2100	2.826	2.665	34.809	4.87	27.770	27.785	32.436	36.974	41.404	45.729	47.5	1.589	0.778	2125.9	1
2200	2.736	2.567	34.813	5.02	27.781	27.796	32.450	36.991	41.423	45.750	46.7	1.636	0.739	2227.7	1
2300	2.552	2.377	34.795	4.86	27.783	27.798	32.458	37.004	41.440	45.773	46.0	1.683	0.692	2329.6	1
2400	2.470	2.286	34.795	4.77	27.790	27.805	32.468	37.016	41.455	45.790	45.5	1.729	0.632	2431.5	1
2500	2.504	2.311	34.819	5.02	27.806	27.823	32.484	37.032	41.470	45.804	44.7	1.774	0.531	2533.4	1
2600	2.477	2.274	34.831	5.05	27.818	27.836	32.498	37.046	41.486	45.820	44.0	1.818	0.511	2635.4	1
2700	2.445	2.233	34.841	5.21	27.829	27.847	32.510	37.060	41.500	45.836	43.3	1.861	0.675	2737.4	1
2800	2.225	2.008	34.811	5.11	27.824	27.841	32.511	37.067	41.513	45.855	42.9	1.905	0.614	2839.5	1
2900	2.004	1.781	34.782	4.96	27.819	27.836	32.512	37.075	41.527	45.875	42.2	1.947	0.653	2941.6	1
2965	1.944	1.716	34.779	4.94	27.821	27.838	32.517	37.081	41.535	45.884	41.8	1.974	0.666	3008.0	1

DE	TE	PT	SA	DX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	13.847	13.847	34.470	6.33	1.6	0.56	4.90	0.07	25.827	25.827	34.512	42.800	0.	
26	13.209	48.704		6.47	1.5	0.56	5.10	0.07					26.	
56	9.998	9.991	34.504	6.34	1.8	0.85	8.80	0.15	26.584	26.585	35.425	43.855	57.	
96	8.659	8.649	34.512	6.22	3.7	1.16	15.10	0.21	26.810	26.811	35.709	44.194	98.	B19
141	8.322	8.308	34.619	6.01	5.3	1.22	16.50	0.03	26.946	26.948	35.860	44.357	142.	
191	5.969	5.953	34.295	6.20	31.0	2.10	30.60	0.00	27.021	27.023	36.051	44.656	193.	B456
295	4.497	4.475	34.190	6.37	37.4	2.19	31.80	0.00	27.111	27.114	36.218	44.893	298.	B456
397	3.939	3.910	34.168	6.40	43.0	2.22	32.30	0.00	27.153	27.156	36.289	44.992	401.	B456
490	3.579	3.545	34.167	6.22	52.6	2.35	34.10	0.00	27.188	27.191	36.344	45.065	495.	B456
588	3.235	3.195	34.180	6.02	63.7	2.38	34.50	0.00	27.231	27.235	36.406	45.144	594.	B456
690	2.886	2.841	34.206	5.74	7.8	1.56	21.60	0.05	27.284	27.288	36.478	45.233	697.	B456
781	2.704	2.654	34.241	5.41	11.8	1.74	24.80	0.00	27.328	27.332	36.532	45.296	789.	B6
881	2.729	2.671	34.324	4.96	14.5	1.82	26.10	0.00	27.392	27.397	36.594	45.356	890.	B16
983	2.719	2.654	34.377	4.58	18.6	1.90	27.40	0.00	27.435	27.441	36.638	45.400	994.	B6
1183	2.669	2.589	34.488	4.21	23.8	2.01	29.00	0.00	27.528	27.535	36.734	45.497	1196.	B6
1380	2.514	2.419	34.556	4.05	73.0	2.38	34.60	0.00	27.596	27.604	36.811	45.582	1397.	B4
1567	2.524	2.415	34.628	4.08	74.7	2.31	33.50	0.00	27.652	27.662	36.868	45.638	1587.	B4
1773	2.498	2.371	34.679	4.21	75.6	2.21	32.30	0.00	27.695	27.706	36.914	45.685	1795.	B4
1967	2.890	2.740	34.802	4.77	56.3	1.89	27.80	0.00	27.759	27.772	36.958	45.709	1992.	
2161	2.696	2.531	34.801	4.79	61.0	1.90	27.70	0.00	27.775	27.790	36.987	45.748	2190.	BB9
2361	2.360	2.183	34.771	4.63	74.9	2.02	29.50	0.00	27.780	27.795	37.012	45.791	2394.	B4
2554	2.436	2.238	34.820	4.97	64.3	1.85	26.90	0.00	27.813	27.830	37.043	45.818	2591.	
2755	2.286	2.071	34.815	5.00	67.5	1.85	27.00	0.00	27.822	27.839	37.061	45.846	2796.	
2958	1.937	1.710	34.779	4.83	82.4	1.99	29.00	0.00	27.821	27.839	37.081	45.885	3004.	B9

SHIP AT CRUISE 107 STATION 60
START 43 19.99 S 50 51.02 W AT 252 79/12/26
WIND = 3M/S COR. DEPTH = 5462M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.941	14.941	34.766	5.41	25.822	25.822	30.194	34.462	38.633	42.709	218.4	0.000	0.000	- .0
10	14.956	14.955	34.759	6.47	25.813	25.814	30.185	34.454	38.624	42.700	219.5	.022	-1.572	10.1
20	14.098	14.095	34.806	6.66	26.034	26.035	30.422	34.706	38.891	42.981	198.8	.043	8.331	20.1
30	13.410	13.406	35.001	6.47	26.328	26.329	30.728	35.023	39.219	43.320	171.2	.061	9.611	30.2
40	13.093	13.088	35.091	6.00	26.462	26.463	30.868	35.169	39.370	43.475	158.7	.078	6.499	40.3
50	13.047	13.040	35.154	5.77	26.520	26.521	30.927	35.228	39.429	43.535	153.5	.093	4.268	50.3
60	12.923	12.915	35.225	5.65	26.600	26.601	31.009	35.312	39.515	43.622	146.2	.108	5.015	60.4
70	12.724	12.715	35.193	5.49	26.615	26.617	31.029	35.336	39.542	43.654	145.0	.123	2.228	70.5
80	12.187	12.176	35.114	5.40	26.659	26.661	31.084	35.402	39.619	43.741	141.0	.137	3.753	80.5
90	11.554	11.542	35.009	5.38	26.698	26.700	31.137	35.468	39.698	43.832	137.5	.151	3.554	90.6
100	11.359	11.347	34.999	5.36	26.727	26.729	31.170	35.505	39.739	43.877	134.9	.165	3.050	100.7
120	10.485	10.470	34.858	5.44	26.775	26.778	31.238	35.592	39.844	43.999	130.6	.191	2.812	120.8
140	9.111	9.096	34.637	5.66	26.835	26.838	31.330	35.714	39.996	44.179	125.0	.217	3.170	141.0
160	8.235	8.218	34.510	5.67	26.873	26.876	31.389	35.794	40.094	44.296	121.5	.242	2.540	161.1
180	7.677	7.659	34.459	5.68	26.917	26.919	31.446	35.863	40.177	44.390	117.6	.265	2.675	181.3
200	6.958	6.940	34.390	5.63	26.965	26.967	31.512	35.946	40.276	44.505	113.1	.289	2.834	201.4
220	6.655	6.635	34.384	5.45	27.002	27.004	31.556	35.998	40.334	44.570	109.8	.311	2.457	221.6
240	5.817	5.796	34.290	5.59	27.036	27.039	31.612	36.075	40.431	44.686	106.3	.332	2.491	241.7
260	5.585	5.563	34.274	5.67	27.053	27.055	31.634	36.103	40.465	44.725	104.9	.354	1.669	261.9
280	5.232	5.209	34.246	5.75	27.072	27.075	31.663	36.140	40.511	44.780	103.1	.374	1.864	282.1
300	4.845	4.822	34.309	5.93	27.088	27.090	31.689	36.176	40.556	44.834	101.6	.395	1.693	302.2
320	4.963	4.938	34.237	5.95	27.096	27.099	31.695	36.179	40.556	44.831	101.1	.415	1.132	322.4
340	4.822	4.796	34.227	5.93	27.104	27.107	31.707	36.194	40.575	44.853	100.4	.435	1.197	342.6
360	4.638	4.611	34.218	5.96	27.118	27.121	31.725	36.218	40.603	44.885	99.2	.455	1.564	362.7
380	4.364	4.335	34.188	6.05	27.125	27.128	31.739	36.239	40.631	44.920	98.5	.475	1.202	382.9
400	4.274	4.245	34.186	6.07	27.132	27.136	31.749	36.251	40.646	44.938	97.9	.495	1.182	403.1
450	4.105	4.072	34.185	6.15	27.149	27.153	31.771	36.278	40.676	44.972	96.6	.543	1.089	453.6
500	3.947	3.911	34.195	6.03	27.174	27.177	31.800	36.310	40.713	45.012	94.5	.591	1.297	504.1
550	3.738	3.700	34.188	6.04	27.189	27.193	31.821	36.337	40.745	45.050	93.2	.638	1.076	554.5
600	3.590	3.548	34.201	5.92	27.214	27.218	31.850	36.370	40.782	45.089	91.1	.684	1.305	605.0
650	3.369	3.324	34.198	5.88	27.233	27.237	31.876	36.402	40.819	45.132	89.3	.729	1.210	655.5
700	3.252	3.205	34.212	5.71	27.256	27.260	31.902	36.430	40.850	45.167	87.4	.773	1.244	706.1
750	3.054	3.004	34.218	5.63	27.278	27.283	31.930	36.464	40.889	45.210	85.2	.816	1.291	756.6
800	3.015	2.962	34.247	5.47	27.305	27.310	31.958	36.493	40.919	45.241	83.0	.859	1.319	807.1
900	2.754	2.695	34.274	5.18	27.350	27.355	32.010	36.551	40.984	45.313	78.9	.940	1.322	908.3
1000	2.806	2.739	34.356	4.75	27.411	27.417	32.070	36.610	41.041	45.367	73.9	1.016	1.401	1009.4
1100	2.729	2.655	34.409	4.47	27.459	27.466	32.121	36.663	41.095	45.424	69.7	1.088	1.238	1110.7
1200	2.694	2.613	34.471	4.25	27.512	27.519	32.175	36.717	41.151	45.480	65.3	1.155	1.299	1212.0
1300	2.661	2.572	34.522	4.14	27.556	27.564	32.220	36.763	41.197	45.527	61.7	1.219	1.095	1313.3
1400	2.631	2.534	34.568	4.05	27.595	27.604	32.261	36.804	41.239	45.569	58.6	1.279	1.162	1414.7
1500	2.696	2.590	34.626	4.05	27.636	27.645	32.301	36.842	41.275	45.603	55.6	1.336	1.035	1516.2
1600	2.642	2.528	34.658	4.07	27.666	27.676	32.333	36.875	41.310	45.640	53.2	1.390	1.099	1617.7
1700	2.649	2.526	34.686	4.09	27.688	27.699	32.355	36.898	41.332	45.661	51.8	1.443	.837	1719.2
1800	2.789	2.656	34.745	4.34	27.723	27.735	32.387	36.926	41.356	45.681	49.8	1.494	.879	1820.8
1900	2.837	2.694	34.774	4.50	27.741	27.754	32.405	36.943	41.372	45.696	49.0	1.543	.796	1922.5
2000	2.833	2.681	34.803	4.69	27.764	27.778	32.429	36.967	41.396	45.721	47.5	1.591	.914	2024.2
2100	2.834	2.673	34.821	4.81	27.779	27.793	32.444	36.982	41.411	45.736	46.8	1.639	.729	2125.9
2200	2.777	2.607	34.825	4.93	27.788	27.803	32.456	36.995	41.426	45.752	46.3	1.685	.679	2227.7
2300	2.683	2.505	34.824	4.91	27.795	27.811	32.467	37.009	41.442	45.771	45.7	1.731	.738	2329.5
2400	2.639	2.452	34.835	4.97	27.807	27.823	32.480	37.024	41.459	45.789	44.9	1.776	.673	2431.4
2500	2.554	2.359	34.835	5.06	27.815	27.831	32.491	37.037	41.474	45.807	44.3	1.821	.670	2533.4
2600	2.429	2.227	34.826	5.05	27.818	27.835	32.499	37.049	41.489	45.825	43.7	1.865	.665	2635.4
2700	2.357	2.147	34.825	5.00	27.824	27.841	32.507	37.059	41.502	45.839	43.2	1.908	.577	2737.4
2800	2.256	2.037	34.824	5.09	27.832	27.849	32.518	37.073	41.518	45.859	42.4	1.951	.751	2839.5
2900	2.124	1.899	34.812	5.04	27.833	27.851	32.524	37.082	41.532	45.876	41.8	1.993	.695	2941.6
2969	1.970	1.740	34.793	4.98	27.830	27.848	32.525	37.088	41.542	45.891	41.2	2.022	.763	3013.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	14.911	14.911	34.741	6.14	0.7	0.26	0.30	0.03	25.809	25.809	34.451	42.699	0.	
24	13.801	13.797	34.921	5.92	1.3	0.41	2.50	0.20	26.185	26.186	34.867	43.150	25.	
54	13.110	13.102	35.124	5.38	3.1	0.68	7.80	0.10	26.484	26.485	35.190	43.495	55.	B1
95	12.017	12.005	35.083	5.32	3.9	0.87	10.70	0.07	26.668	26.670	35.418	43.764	96.	
142	9.944	9.928	34.775	5.42	5.2	1.13	15.00	0.05	26.805	26.807	35.646	44.075	143.	
191	7.309	7.291	34.391	5.87	7.2	1.45	20.10	0.04	26.917	26.919	35.881	44.425	193.	B1
292	5.178	5.154	34.239	6.03	11.2	1.71	24.30	0.06	27.073	27.076	36.144	44.787	295.	
417	4.194	4.164	34.186	6.26	14.5	1.82	25.90	0.05	27.141	27.144	36.264	44.954	421.	
493	3.976	3.940	34.191	6.12	17.1	1.88	26.90	0.05	27.167	27.171	36.303	45.003	498.	
590	3.627	3.585	34.193	5.99	20.8	1.95	28.00	0.03	27.204	27.208	36.358	45.076	596.	
687	3.375	3.327	34.218	5.75	25.7	2.04	29.40	0.03	27.248	27.253	36.416	45.147	694.	
799	3.062	3.009	34.233	5.48	32.1	2.14	30.90	0.03	27.289	27.294	36.475	45.221	797.	
882	2.764	2.707	34.268	5.19	39.7	2.24	32.50	0.02	27.344	27.349	36.546	45.306	891.	
986	2.772	2.706	34.343	4.74	48.6	2.33	33.60	0.02	27.403	27.409	36.604	45.364	997.	
1175	2.699	2.619	34.455	4.27	60.6	2.39	34.50	0.01	27.499	27.506	36.704	45.466	1188.	
1379	2.634	2.539	34.556	4.06	68.3	2.36	34.10	0.01	27.585	27.593	36.794	45.559	1395.	
1573	2.632	2.520	34.651	4.14	67.9	2.21	32.00	0.01	27.661	27.671	36.871	45.635	1592.	B1
1771	2.772	2.641	34.726	4.44	64.1	2.09	30.40	0.01	27.709	27.720	36.913	45.670	1793.	
1975	2.835	2.685	34.793	4.71	58.2	1.92	28.10	0.01	27.757	27.770	36.959	45.712	2001.	
2147	2.836	2.670	34.825	4.93	54.8	1.83	26.60	0.01	27.782	27.797	36.986	45.740	2176.	
2358	2.686	2.503	34.844	5.07	54.7	1.78	25.80	0.01	27.810	27.826	37.024	45.786	2391.	D1
2553	2.487	2.288	34.836	5.02	61.3	1.82	26.50	0.01	27.822	27.838	37.048	45.821	2589.	B1
2753	2.349	2.133	34.835	5.08	61.8	1.80	26.10	0.01	27.832	27.850	37.069	45.850	2794.	
2943	1.988	1.761	34.795	4.91	78.2	1.95	28.20	0.01	27.830	27.848	37.087	45.888	2989.	

SHIP AT CRUISE 107 STATION 61
START 43 10.07 S 50 12.03 W AT 738 79/12/26
WIND = 8M/S COR. DEPTH = 5487M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.857	15.857	34.926	5.50	25.740	25.740	30.095	34.346	38.500	42.561	226.1	0.000	0.000	-0.0
10	15.867	15.866	34.918	5.73	25.732	25.732	30.086	34.338	38.491	42.552	227.3	0.023	-1.611	10.1
20	15.809	15.806	34.914	5.83	25.742	25.743	30.098	34.351	38.505	42.567	226.6	0.045	1.823	20.1
30	13.613	13.609	35.032	6.07	26.310	26.311	30.706	34.998	39.189	43.286	172.9	0.065	13.368	30.2
40	12.873	12.867	34.992	5.99	26.430	26.431	30.841	35.146	39.352	43.462	161.7	0.082	6.146	40.3
50	12.455	12.449	35.019	5.81	26.533	26.534	30.952	35.266	39.479	43.596	152.2	0.098	5.702	50.3
60	12.204	12.196	35.008	5.66	26.574	26.575	30.999	35.317	39.534	43.656	148.6	0.113	3.597	60.4
70	12.862	12.852	35.252	5.37	26.633	26.635	31.043	35.347	39.551	43.660	143.3	0.127	4.277	70.5
80	12.367	12.357	35.166	5.30	26.664	26.666	31.085	35.399	39.613	43.731	140.5	0.142	3.201	80.5
90	11.865	11.854	35.086	5.26	26.700	26.702	31.132	35.456	39.679	43.807	137.4	0.155	3.367	90.6
100	11.789	11.776	35.098	5.23	26.723	26.726	31.157	35.482	39.708	43.837	135.4	0.169	2.743	100.7
120	10.984	10.969	34.957	5.24	26.763	26.765	31.214	35.557	39.799	43.944	131.9	0.196	2.557	120.8
140	9.501	9.486	34.710	5.40	26.828	26.831	31.314	35.689	39.962	44.137	125.8	0.222	3.305	141.0
160	8.510	8.493	34.588	5.72	26.892	26.895	31.401	35.799	40.093	44.289	119.9	0.246	3.254	161.1
180	8.942	8.923	34.721	5.75	26.928	26.931	31.427	35.814	40.098	44.285	117.0	0.270	2.320	181.3
200	7.952	7.931	34.570	5.84	26.964	26.967	31.486	35.897	40.203	44.410	113.6	0.293	2.506	201.4
220	7.089	7.069	34.447	5.89	26.992	26.995	31.536	35.967	40.293	44.519	110.9	0.315	2.262	221.6
240	6.450	6.428	34.367	5.78	27.016	27.018	31.575	36.022	40.364	44.604	108.6	0.337	2.072	241.7
260	5.773	5.751	34.286	5.85	27.039	27.041	31.616	36.079	40.437	44.693	106.3	0.359	2.068	261.9
280	5.367	5.344	34.249	5.87	27.059	27.061	31.646	36.120	40.488	44.753	104.4	0.380	1.896	282.1
300	4.998	4.975	34.213	6.00	27.073	27.076	31.671	36.154	40.530	44.805	103.1	0.401	1.648	302.2
320	4.793	4.768	34.200	6.19	27.086	27.089	31.689	36.178	40.559	44.839	101.9	0.421	1.521	322.4
340	4.670	4.644	34.197	6.21	27.098	27.101	31.704	36.196	40.581	44.863	100.9	0.441	1.427	342.6
360	4.570	4.543	34.202	6.20	27.113	27.116	31.722	36.216	40.603	44.888	99.6	0.462	1.596	362.7
380	4.468	4.440	34.203	6.15	27.125	27.128	31.737	36.234	40.623	44.910	98.6	0.481	1.422	382.9
400	4.433	4.404	34.203	6.16	27.129	27.132	31.742	36.239	40.630	44.918	98.4	0.501	819	403.1
450	4.196	4.163	34.196	6.20	27.148	27.152	31.768	36.271	40.668	44.961	96.8	0.550	1.177	453.6
500	3.966	3.930	34.192	6.22	27.169	27.173	31.795	36.305	40.707	45.006	95.0	0.598	1.233	504.1
550	3.767	3.729	34.194	6.19	27.191	27.194	31.822	36.337	40.744	45.048	93.1	0.645	1.237	554.5
600	3.606	3.564	34.194	6.07	27.207	27.211	31.843	36.362	40.773	45.081	91.8	0.691	1.091	605.0
650	3.357	3.313	34.194	6.02	27.231	27.235	31.874	36.400	40.817	45.131	89.5	0.736	1.338	655.5
700	3.393	3.344	34.233	5.78	27.259	27.263	31.901	36.426	40.842	45.155	87.3	0.781	1.302	706.1
750	3.019	2.969	34.212	5.77	27.277	27.282	31.930	36.464	40.891	45.213	85.3	0.824	1.273	756.6
800	3.109	3.055	34.270	5.55	27.315	27.320	31.965	36.497	40.920	45.240	82.2	0.866	1.497	807.1
900	2.839	2.779	34.294	5.14	27.358	27.364	32.016	36.555	40.986	45.312	78.2	0.946	1.318	908.3
1000	2.808	2.741	34.348	4.86	27.404	27.410	32.063	36.603	41.034	45.361	74.5	1.022	1.320	1009.5
1100	2.756	2.682	34.389	4.66	27.442	27.448	32.103	36.644	41.076	45.404	71.5	1.095	1.074	1110.7
1200	2.717	2.635	34.458	4.29	27.500	27.507	32.162	36.704	41.137	45.465	66.5	1.164	1.341	1212.0
1300	2.722	2.633	34.522	4.10	27.550	27.558	32.213	36.754	41.186	45.515	62.5	1.229	1.298	1313.3
1400	2.701	2.604	34.557	4.04	27.580	27.589	32.244	36.786	41.219	45.547	60.2	1.290	1.002	1414.7
1500	2.753	2.646	34.609	4.03	27.617	27.627	32.280	36.820	41.252	45.579	57.6	1.349	1.163	1516.2
1600	2.820	2.704	34.661	4.08	27.652	27.662	32.314	36.852	41.282	45.607	55.2	1.406	1.074	1617.7
1700	2.891	2.765	34.704	4.24	27.681	27.692	32.342	36.878	41.305	45.629	53.5	1.460	985	1719.2
1800	2.759	2.627	34.710	4.29	27.697	27.709	32.362	36.902	41.333	45.660	52.1	1.513	830	1820.8
1900	2.903	2.759	34.757	4.42	27.722	27.735	32.384	36.920	41.347	45.671	51.1	1.565	791	1922.5
2000	2.858	2.706	34.784	4.53	27.747	27.761	32.412	36.948	41.377	45.701	49.2	1.615	971	2024.2
2100	2.885	2.723	34.810	4.75	27.766	27.780	32.430	36.966	41.394	45.718	48.2	1.663	734	2125.9
2200	2.914	2.742	34.832	4.92	27.780	27.796	32.445	36.981	41.408	45.731	47.7	1.711	693	2227.7
2300	2.806	2.626	34.832	5.08	27.790	27.806	32.459	36.998	41.428	45.753	46.8	1.759	688	2329.6
2400	2.702	2.514	34.825	5.09	27.794	27.811	32.466	37.008	41.441	45.770	46.4	1.805	697	2431.4
2500	2.501	2.308	34.807	5.00	27.797	27.814	32.475	37.023	41.461	45.795	45.5	1.851	708	2533.4
2600	2.413	2.211	34.805	4.91	27.803	27.820	32.484	37.034	41.475	45.812	45.0	1.897	741	2635.4
2700	2.367	2.157	34.810	4.95	27.811	27.829	32.494	37.046	41.489	45.826	44.4	1.941	663	2737.4
2800	2.179	1.962	34.788	4.88	27.809	27.827	32.498	37.055	41.503	45.846	43.8	1.986	668	2839.5
2900	2.121	1.896	34.794	4.89	27.819	27.837	32.510	37.069	41.518	45.863	43.0	2.029	721	2941.6
2974	1.984	1.754	34.778	4.88	27.817	27.835	32.512	37.075	41.528	45.877	42.5	2.061	714	3018.0

DE	TE	PT	SA	OX	SIL	PO4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	15.813	15.813	34.906	5.81	1.4	0.24	0.10	0.00	25.735	25.735	34.343	42.559	0.	B1
25	13.820	13.817	34.940	6.07	1.5	0.41	2.60	0.12	26.196	26.196	34.876	43.159	25.	B1
54	12.507	12.500	35.059	5.58	2.6	0.69	8.20	0.03	26.554	26.555	35.284	43.612	55.	
97	11.902	11.889	35.094	5.27	4.2	0.90	11.60	0.02	26.698	26.701	35.453	43.803	99.	B1
143	9.556	9.540	34.722	5.52	5.1	1.15	15.50	0.01	26.829	26.831	35.687	44.133	145.	
193	8.674	8.653	34.683	5.90	5.7	1.20	16.20	0.01	26.941	26.944	35.840	44.322	195.	
291	5.246	5.222	34.246	6.17	10.3	1.66	23.80	0.02	27.071	27.073	36.138	44.777	294.	
408	4.499	4.468	34.214	6.22	13.3	1.76	25.50	0.00	27.130	27.134	36.237	44.912	412.	
494	4.031	3.995	34.196	6.24	15.6	1.82	26.40	0.00	27.166	27.169	36.298	44.996	499.	
589	3.694	3.652	34.201	6.08	20.0	1.91	27.90	0.00	27.204	27.208	36.355	45.069	595.	
687	3.243	3.196	34.215	5.79	27.8	2.04	29.90	0.00	27.258	27.263	36.433	45.170	694.	
789	2.959	2.906	34.239	5.54	33.4	2.13	31.20	0.00	27.304	27.308	36.494	45.245	798.	
885	2.085	2.025	34.317	5.01	39.5	2.21	32.50	0.00	27.354	27.360	36.538	45.282	895.	
985	2.823	2.757	34.341	4.85	46.2	2.28	33.30	0.00	27.397	27.403	36.595	45.352	995.	
1180	2.735	2.654	34.451	4.35	58.9	2.35	34.50	0.00	27.493	27.500	36.696	45.456	1194.	
1378	2.689	2.593	34.554	4.15	66.2	2.32	34.00	0.00	27.579	27.587	36.785	45.547	1394.	
1575	2.803	2.689	34.663	4.28	61.4	2.13	31.30	0.00	27.656	27.666	36.857	45.612	1595.	B1
1768	2.915	2.783	34.733	4.50	59.6	2.05	30.20	0.00	27.701	27.713	36.898	45.647	1790.	
1966	2.860	2.710	34.777	4.62	59.0	1.95	28.60	0.00	27.742	27.755	36.943	45.695	1992.	D1
2152	2.861	2.694	34.825	4.88	54.4	1.82	26.80	0.00	27.780	27.795	36.982	45.735	2181.	
2357	2.769	2.584	34.851	5.03	54.9	1.77	26.10	0.00	27.809	27.825	37.019	45.776	2390.	
2555	2.477	2.278	34.822	4.89	65.1	1.87	27.50	0.00	27.811	27.828	37.038	45.812	2592.	
2755	2.269	2.054	34.808	4.89	69.7	1.90	27.80	0.00	27.818	27.835	37.058	45.844	2796.	B1
2960	2.020	1.790	34.806	4.92	77.2	1.94	28.20	0.00	27.836	27.854	37.092	45.891	3006.	

SHIP AT CRUISE 107 STATION 62
START 42 59.30 S 49 35.22 W AT 1220 79/12/26
WIND = 15M/S COR. DEPTH = 5376M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.757	14.757	34.969	6.30	26.018	26.018	30.392	34.663	38.835	42.913	199.7	0.000	0.000	- .0
10	14.750	14.749	34.965	7.18	26.016	26.017	30.391	34.662	38.834	42.912	200.2	.020	- .680	10.1
20	14.728	14.725	34.964	7.26	26.021	26.021	30.396	34.667	38.840	42.919	200.1	.040	1.213	20.1
30	14.143	14.138	34.967	7.33	26.149	26.150	30.535	34.817	39.000	43.088	188.2	.059	6.352	30.2
40	12.144	12.139	34.799	7.21	26.423	26.424	30.850	35.171	39.391	43.516	162.3	.077	9.306	40.3
50	11.673	11.667	34.803	6.97	26.516	26.517	30.953	35.283	39.512	43.645	153.7	.093	5.415	50.3
60	11.678	11.670	34.855	6.67	26.556	26.557	30.992	35.322	39.550	43.683	150.2	.108	3.529	60.4
70	11.924	11.915	34.952	6.37	26.584	26.586	31.015	35.339	39.562	43.690	147.8	.123	2.980	70.5
80	11.961	11.950	34.993	6.19	26.609	26.611	31.039	35.362	39.585	43.711	145.7	.138	2.805	80.5
90	11.874	11.863	34.998	5.93	26.629	26.631	31.061	35.386	39.610	43.738	144.1	.152	2.519	90.6
100	11.909	11.896	35.037	5.86	26.653	26.656	31.085	35.409	39.632	43.759	142.0	.166	2.764	100.7
120	11.157	11.142	34.950	5.71	26.726	26.729	31.174	35.513	39.752	43.893	135.5	.194	3.424	120.8
140	9.729	9.713	34.741	5.64	26.815	26.818	31.295	35.666	39.933	44.104	127.1	.220	3.820	140.9
160	9.116	9.099	34.667	5.83	26.858	26.861	31.353	35.737	40.017	44.200	123.3	.245	2.661	161.1
180	8.666	8.647	34.611	5.83	26.886	26.889	31.391	35.786	40.076	44.269	120.9	.270	2.167	181.2
200	7.597	7.577	34.465	5.98	26.933	26.936	31.465	35.884	40.199	44.414	116.4	.294	2.859	201.4
220	7.023	7.002	34.416	5.72	26.977	26.979	31.522	35.955	40.283	44.511	112.3	.316	2.697	221.5
240	6.356	6.334	34.335	5.72	27.003	27.006	31.565	36.015	40.358	44.601	109.8	.339	2.171	241.7
260	5.960	5.938	34.298	5.87	27.025	27.028	31.597	36.056	40.409	44.661	107.8	.360	1.954	261.9
280	5.535	5.512	34.262	6.02	27.049	27.051	31.632	36.102	40.465	44.727	105.5	.382	2.048	282.0
300	5.282	5.258	34.237	5.97	27.059	27.062	31.650	36.125	40.495	44.763	104.6	.403	1.424	302.2
320	5.021	4.996	34.222	6.12	27.078	27.081	31.675	36.158	40.534	44.808	102.8	.423	1.810	322.3
340	4.831	4.805	34.206	6.18	27.087	27.090	31.690	36.177	40.558	44.836	102.0	.444	1.305	342.5
360	4.603	4.576	34.192	6.28	27.101	27.104	31.710	36.203	40.589	44.873	100.7	.464	1.593	362.7
380	4.575	4.546	34.197	6.29	27.108	27.111	31.717	36.211	40.598	44.883	100.3	.484	1.065	382.9
400	4.458	4.428	34.193	6.24	27.118	27.121	31.730	36.228	40.617	44.905	99.4	.504	1.332	403.0
450	4.305	4.272	34.199	6.29	27.139	27.143	31.756	36.257	40.651	44.942	97.8	.554	1.200	453.5
500	4.161	4.124	34.202	6.14	27.157	27.161	31.778	36.283	40.680	44.974	96.4	.602	1.123	504.0
550	3.883	3.844	34.185	6.16	27.172	27.176	31.801	36.313	40.717	45.018	95.0	.650	1.098	554.4
600	3.587	3.545	34.176	6.23	27.194	27.198	31.831	36.351	40.763	45.071	92.9	.697	1.293	604.9
650	3.372	3.328	34.177	6.17	27.216	27.220	31.859	36.385	40.802	45.115	90.9	.743	1.266	655.4
700	3.148	3.102	34.191	6.03	27.249	27.253	31.898	36.429	40.852	45.171	87.8	.788	1.516	705.9
750	2.970	2.920	34.208	5.86	27.278	27.282	31.932	36.468	40.895	45.219	85.1	.831	1.439	756.5
800	2.899	2.846	34.234	5.63	27.305	27.310	31.961	36.499	40.928	45.254	82.7	.873	1.346	807.0
900	2.802	2.742	34.274	5.20	27.346	27.351	32.005	36.545	40.977	45.304	79.3	.954	1.113	908.1
1000	2.797	2.730	34.341	4.84	27.399	27.405	32.059	36.599	41.030	45.357	74.9	1.031	1.335	1009.3
1100	2.771	2.697	34.405	4.49	27.453	27.459	32.113	36.654	41.086	45.413	70.5	1.104	1.409	1110.5
1200	2.695	2.614	34.453	4.26	27.498	27.505	32.161	36.703	41.137	45.466	66.6	1.172	1.166	1211.8
1300	2.723	2.633	34.514	4.07	27.544	27.552	32.207	36.748	41.180	45.508	63.1	1.237	1.126	1313.1
1400	2.741	2.643	34.554	4.05	27.574	27.583	32.237	36.778	41.210	45.537	60.9	1.299	.927	1414.5
1500	2.731	2.625	34.588	4.04	27.602	27.612	32.266	36.807	41.239	45.567	58.9	1.359	.882	1515.9
1600	2.754	2.638	34.628	3.95	27.632	27.642	32.296	36.837	41.268	45.595	56.8	1.416	.962	1617.4
1700	2.811	2.687	34.668	4.05	27.659	27.670	32.322	36.861	41.291	45.616	55.1	1.472	.890	1718.9
1800	2.750	2.617	34.688	4.14	27.680	27.692	32.346	36.886	41.318	45.645	53.5	1.527	.834	1820.5
1900	2.762	2.621	34.713	4.07	27.699	27.711	32.365	36.905	41.336	45.663	52.5	1.580	.754	1922.1
2000	2.830	2.678	34.753	4.37	27.725	27.739	32.390	36.929	41.358	45.683	51.0	1.631	.876	2023.8
2100	2.890	2.728	34.790	4.58	27.749	27.764	32.414	36.950	41.378	45.702	49.8	1.682	.792	2125.5
2200	2.799	2.629	34.796	4.77	27.762	27.777	32.430	36.969	41.399	45.726	48.7	1.731	.683	2227.3
2300	2.734	2.555	34.802	4.74	27.773	27.788	32.443	36.984	41.416	45.744	48.0	1.779	.653	2329.1
2400	2.693	2.506	34.813	4.83	27.785	27.802	32.458	37.000	41.433	45.762	47.2	1.827	.731	2431.0
2500	2.597	2.402	34.806	4.85	27.788	27.805	32.464	37.009	41.445	45.777	46.9	1.874	.406	2532.9
2600	2.515	2.311	34.808	4.92	27.797	27.814	32.475	37.023	41.461	45.795	46.2	1.920	.746	2634.9
2700	2.363	2.152	34.794	4.86	27.799	27.816	32.482	37.034	41.477	45.815	45.5	1.966	.686	2736.9
2800	2.336	2.116	34.806	4.90	27.810	27.828	32.495	37.048	41.492	45.830	44.8	2.011	.697	2839.0
2900	2.175	1.948	34.792	4.87	27.812	27.831	32.502	37.060	41.508	45.851	44.0	2.056	.717	2941.1
2971	2.067	1.835	34.782	4.90	27.813	27.831	32.506	37.067	41.518	45.865	43.4	2.087	.523	3014.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	14.784	14.784	34.966	6.03	0.8	0.24	0.30	0.02	26.010	26.010	34.654	42.903	1.	
24	14.703	14.700	34.966	6.06	0.8	0.24	0.30	0.03	26.028	26.028	34.675	42.927	25.	
52	13.266	13.258	35.149	5.61	2.6	0.59	6.40	0.43	26.472	26.473	35.171	43.471	53.	
97	12.165	12.152	35.104	5.35	3.6	0.82	10.30	0.05	26.656	26.658	35.400	43.740	99.	
139	9.914	9.898	34.729	5.61	4.8	1.13	15.20	0.02	26.774	26.777	35.617	44.048	141.	B1
193	7.885	7.866	34.541	5.70	5.6	1.20	16.40	0.02	26.951	26.954	35.887	44.404	195.	
292	5.488	5.464	34.265	6.03	10.2	1.66	24.00	0.02	27.057	27.060	36.112	44.740	295.	
412	4.270	4.240	34.190	6.47	12.6	1.75	25.40	0.01	27.136	27.139	36.255	44.941	416.	
488	4.050	4.015	34.204	6.27	15.4	1.83	26.70	0.01	27.170	27.174	36.301	44.998	493.	
584	3.579	3.538	34.194	6.14	19.5	1.93	28.20	0.00	27.210	27.214	36.366	45.087	590.	
684	3.212	3.165	34.200	5.95	25.0	2.01	29.40	0.00	27.249	27.254	36.426	45.165	692.	
783	2.932	2.880	34.224	5.67	30.9	2.11	31.20	0.00	27.294	27.299	36.486	45.239	791.	
879	2.839	2.781	34.284	5.19	39.2	2.21	32.50	0.00	27.350	27.355	36.547	45.304	888.	
986	2.798	2.732	34.356	4.75	48.3	2.31	33.70	0.00	27.411	27.417	36.611	45.369	997.	
1181	2.753	2.672	34.461	4.34	58.7	2.36	34.50	0.00	27.499	27.506	36.701	45.460	1194.	
1381	2.727	2.631	34.552	4.17	64.6	2.32	34.00	0.00	27.574	27.582	36.778	45.538	1398.	
1576	2.717	2.605	34.619	4.15	67.0	2.27	33.10	0.00	27.628	27.638	36.834	45.595	1595.	
1775	2.711	2.581	34.679	4.28	68.0	2.19	32.20	0.00	27.677	27.688	36.884	45.645	1797.	
1970	2.757	2.609	34.738	4.48	64.5	2.06	30.30	0.00	27.720	27.733	36.927	45.685	1996.	
2134	2.900	2.734	34.811	4.87	54.0	1.85	27.20	0.00	27.765	27.780	36.966	45.717	2163.	D1
2363	2.692	2.508	34.816	4.88	59.6	1.87	27.30	0.00	27.788	27.804	37.002	45.764	2396.	
2556	2.504	2.304	34.812	4.89	64.2	1.87	27.50	0.00	27.801	27.818	37.027	45.800	2593.	
2758	2.365	2.148	34.817	4.95	67.4	1.88	27.50	0.00	27.817	27.835	37.053	45.833	2799.	
2954	2.081	1.851	34.793	4.86	77.0	1.95	28.50	0.00	27.821	27.839	37.074	45.870	2999.	D1

SHIP AT CRUISE 107 STATION 63
START 42 49.23 S 48 52.13 W AT 1743 79/12/26
WIND = 8M/S COR. DEPTH = 5568M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.755	14.755	34.635	6.56	25.762	25.762	30.138	34.411	38.585	42.665	224.1	0.000	0.000	-0.0
10	14.764	14.763	34.633	6.75	25.758	25.758	30.135	34.407	38.581	42.661	224.7	0.022	-1.007	10.1
20	14.694	14.691	34.622	6.76	25.765	25.765	30.143	34.417	38.593	42.674	224.4	0.045	1.495	20.1
30	14.430	14.426	34.615	6.75	25.816	25.817	30.200	34.478	38.659	42.744	219.8	0.067	4.030	30.2
40	13.077	13.072	34.596	6.62	26.082	26.083	30.492	34.796	39.001	43.109	194.7	0.088	9.155	40.3
50	12.418	12.411	34.549	6.60	26.177	26.178	30.600	34.917	39.134	43.255	186.0	0.107	5.471	50.3
60	11.207	11.200	34.501	6.66	26.368	26.370	30.817	35.158	39.398	43.542	167.9	0.125	7.780	60.4
70	9.565	9.557	34.410	6.77	26.583	26.585	31.068	35.444	39.717	43.893	147.6	0.140	8.254	70.4
80	9.896	9.887	34.588	6.53	26.667	26.669	31.144	35.511	39.777	43.945	139.9	0.155	5.115	80.5
90	9.325	9.315	34.580	6.48	26.756	26.758	31.245	35.625	39.902	44.082	131.6	0.168	5.312	90.6
100	8.292	8.282	34.461	6.49	26.826	26.828	31.340	35.743	40.043	44.244	124.9	0.181	4.771	100.6
120	7.546	7.534	34.421	6.43	26.906	26.908	31.438	35.859	40.175	44.391	117.5	0.205	3.587	120.8
140	7.234	7.221	34.430	6.39	26.958	26.960	31.497	35.924	40.247	44.471	112.9	0.228	2.865	140.9
160	6.644	6.629	34.386	6.42	27.005	27.007	31.559	36.001	40.337	44.574	108.6	0.251	2.787	161.1
180	5.989	5.974	34.306	6.53	27.027	27.029	31.597	36.055	40.407	44.659	106.5	0.272	1.962	181.2
200	5.466	5.449	34.254	6.25	27.051	27.053	31.635	36.106	40.471	44.735	104.3	0.293	2.053	201.4
220	4.977	4.960	34.206	6.41	27.070	27.072	31.667	36.151	40.528	44.803	102.4	0.314	1.855	221.5
240	4.769	4.750	34.197	6.39	27.087	27.089	31.690	36.179	40.560	44.840	101.0	0.334	1.680	241.7
260	4.600	4.580	34.188	6.38	27.098	27.101	31.706	36.199	40.585	44.869	100.0	0.354	1.417	261.9
280	4.485	4.464	34.184	6.36	27.108	27.110	31.718	36.215	40.604	44.890	99.2	0.374	1.285	282.0
300	4.283	4.261	34.164	6.48	27.114	27.116	31.730	36.231	40.626	44.917	98.7	0.394	1.082	302.2
320	4.251	4.228	34.173	6.52	27.125	27.127	31.742	36.244	40.639	44.931	97.9	0.414	1.321	322.4
340	4.185	4.161	34.167	6.54	27.126	27.129	31.745	36.250	40.646	44.940	97.8	0.433	1.627	342.5
360	4.139	4.113	34.172	6.53	27.135	27.138	31.755	36.261	40.658	44.953	97.1	0.453	1.210	362.7
380	4.042	4.015	34.173	6.52	27.146	27.149	31.769	36.277	40.677	44.975	96.2	0.472	1.374	382.9
400	4.080	4.051	34.191	6.41	27.156	27.159	31.778	36.285	40.684	44.981	95.4	0.491	1.247	403.1
450	3.811	3.780	34.185	6.26	27.180	27.183	31.809	36.323	40.729	45.032	93.4	0.538	1.290	453.5
500	3.656	3.622	34.192	6.16	27.200	27.203	31.834	36.352	40.761	45.068	91.7	0.585	1.192	504.0
550	3.464	3.427	34.192	6.11	27.219	27.223	31.859	36.382	40.796	45.108	90.0	0.630	1.180	554.5
600	3.307	3.267	34.200	6.00	27.241	27.245	31.885	36.412	40.830	45.145	88.2	0.675	1.226	604.9
650	3.196	3.152	34.214	5.80	27.262	27.266	31.909	36.439	40.861	45.178	86.3	0.718	1.210	655.5
700	2.959	2.913	34.215	5.75	27.285	27.289	31.938	36.474	40.902	45.226	84.1	0.761	1.300	706.0
750	2.890	2.841	34.236	5.59	27.307	27.311	31.963	36.501	40.930	45.255	82.2	0.802	1.227	756.5
800	2.810	2.758	34.253	5.47	27.328	27.333	31.986	36.527	40.958	45.285	80.4	0.843	1.204	807.0
900	2.841	2.782	34.317	5.05	27.376	27.381	32.034	36.573	41.003	45.329	76.6	0.922	1.215	908.2
1000	2.838	2.771	34.395	4.64	27.439	27.445	32.097	36.635	41.065	45.391	71.4	0.996	1.391	1009.3
1100	2.837	2.762	34.453	4.38	27.485	27.492	32.143	36.682	41.111	45.437	67.7	1.065	1.262	1110.6
1200	2.768	2.685	34.493	4.22	27.523	27.531	32.185	36.724	41.156	45.483	64.5	1.131	1.087	1211.8
1300	2.719	2.630	34.539	4.10	27.565	27.572	32.227	36.769	41.201	45.529	61.1	1.194	1.181	1313.2
1400	2.680	2.583	34.574	4.06	27.595	27.604	32.260	36.802	41.235	45.564	58.7	1.254	1.023	1414.5
1500	2.647	2.542	34.607	4.08	27.625	27.634	32.291	36.834	41.268	45.597	56.5	1.311	0.953	1516.0
1600	2.718	2.604	34.656	4.06	27.658	27.668	32.322	36.864	41.295	45.623	54.3	1.367	1.013	1617.5
1700	2.780	2.656	34.698	4.10	27.686	27.697	32.350	36.889	41.319	45.645	52.6	1.420	0.892	1719.0
1800	2.934	2.799	34.754	4.24	27.717	27.729	32.377	36.912	41.338	45.660	51.0	1.472	0.835	1820.6
1900	2.833	2.690	34.763	4.37	27.733	27.746	32.397	36.935	41.364	45.688	49.7	1.522	0.899	1922.2
2000	2.729	2.579	34.765	4.38	27.744	27.757	32.411	36.952	41.384	45.711	48.8	1.572	0.779	2023.9
2100	2.684	2.525	34.785	4.61	27.764	27.778	32.434	36.976	41.409	45.737	47.3	1.620	0.785	2125.6
2200	2.675	2.507	34.803	4.66	27.779	27.794	32.450	36.992	41.425	45.755	46.5	1.667	0.758	2227.4
2300	2.666	2.489	34.816	4.79	27.790	27.805	32.462	37.005	41.438	45.768	46.1	1.713	0.745	2329.2
2400	2.562	2.377	34.813	4.91	27.797	27.813	32.472	37.018	41.455	45.787	45.4	1.759	0.653	2431.1
2500	2.507	2.314	34.818	4.86	27.805	27.822	32.483	37.031	41.469	45.803	44.8	1.804	0.644	2533.1
2600	2.453	2.250	34.826	5.03	27.816	27.833	32.496	37.045	41.485	45.821	44.0	1.848	0.759	2635.0
2700	2.398	2.187	34.827	5.02	27.822	27.839	32.504	37.055	41.497	45.833	43.7	1.892	0.582	2737.1
2800	2.273	2.055	34.812	5.01	27.820	27.838	32.507	37.061	41.506	45.846	43.5	1.936	0.279	2839.1
2900	2.063	1.839	34.790	4.91	27.820	27.838	32.513	37.073	41.524	45.870	42.5	1.979	0.724	2941.2
2963	1.979	1.750	34.784	4.89	27.822	27.840	32.517	37.080	41.533	45.882	42.0	2.006	0.691	3006.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	14.840	14.840	34.621	6.08	1.6	0.30	0.80	0.03	25.732	25.732	34.379	42.630	0.	
26	14.732	14.728	34.650	6.10	1.1	0.27	0.70	0.04	25.778	25.779	34.429	42.684	27.	
57	11.929	11.921	34.616	5.87	2.8	0.78	6.50	0.37	26.323	26.324	35.082	43.437	58.	B1
98	7.486	7.476	34.303	6.28	6.0	1.33	18.20	0.03	26.822	26.824	35.778	44.316	100.	B19
142	5.747	5.735	34.199	6.39	8.1	1.58	21.90	0.02	26.973	26.974	36.015	44.631	143.	
197	4.807	4.792	34.158	6.50	10.0	1.69	24.00	0.02	27.052	27.053	36.142	44.802	199.	
295	4.208	4.187	34.157	6.53	12.4	1.75	25.30	0.02	27.116	27.118	36.238	44.927	298.	
394	3.786	3.759	34.164	6.36	16.4	1.88	26.50	0.01	27.165	27.168	36.309	45.020	398.	
496	3.545	3.511	34.179	6.11	20.7	1.95	28.10	0.01	27.201	27.204	36.359	45.081	501.	
592	3.260	3.220	34.188	5.95	25.1	2.04	29.50	0.01	27.235	27.239	36.409	45.145	598.	
690	3.040	3.004	34.212	5.67	30.3	2.12	30.80	0.01	27.275	27.279	36.461	45.208	697.	
789	2.962	2.909	34.277	5.26	37.4	2.21	32.00	0.01	27.334	27.338	36.524	45.274	798.	
889	2.754	2.696	34.306	5.02	44.8	2.29	33.10	0.00	27.375	27.380	36.577	45.337	899.	
987	2.796	2.730	34.363	4.66	51.8	2.35	34.10	0.00	27.417	27.423	36.616	45.374	998.	
1182	2.752	2.671	34.494	4.25	60.8	2.37	34.20	0.00	27.525	27.533	36.727	45.486	1195.	
1378	2.670	2.574	34.566	4.14	67.8	2.35	34.10	0.00	27.590	27.598	36.797	45.560	1394.	
1577	2.796	2.682	34.659	4.25	65.5	2.22	32.30	0.00	27.653	27.663	36.855	45.610	1597.	
1775	2.824	2.693	34.733	4.45	62.8	2.09	30.40	0.00	27.710	27.721	36.911	45.665	1797.	D1
1960	2.698	2.552	34.751	4.49	66.2	2.06	30.10	0.00	27.735	27.748	36.945	45.706	1985.	
2164	2.680	2.515	34.788	4.72	62.9	1.95	28.60	0.01	27.766	27.781	36.979	45.741	2193.	D1
2361	2.610	2.428	34.814	4.88	62.0	1.89	27.60	0.01	27.793	27.809	37.012	45.778	2394.	
2561	2.498	2.298	34.830	4.98	62.2	1.85	26.80	0.01	27.816	27.833	37.042	45.815	2598.	
2755	2.294	2.079	34.805	4.95	68.5	1.90	27.60	0.00	27.813	27.831	37.053	45.837	2796.	B1
2959	1.976	1.748	34.797	4.81	82.0	2.02	29.20	0.01	27.832	27.850	37.091	45.892	3004.	B1

SHIP AT CRUISE 107 STATION 64
START 42 40.67 S 48 9.87 W AT 2238 79/12/26
WIND = 15M/S COR. DEPTH = 5415M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR	
0	15.039	15.039	34.750	6.20	25.788	25.788	30.158	34.425	38.594	42.669	221.6	0.000	0.000	-	0
10	15.065	15.064	34.741	7.20	25.775	25.776	30.146	34.412	38.581	42.655	223.1	0.022	-1.946	10.1	1
20	15.068	15.065	34.742	7.36	25.776	25.776	30.146	34.413	38.581	42.655	223.4	0.045	0.392	20.1	1
30	14.987	14.983	34.727	7.13	25.781	25.782	30.154	34.422	38.592	42.668	223.1	0.067	1.385	30.2	1
40	13.702	13.696	34.632	7.10	25.983	25.984	30.380	34.673	38.866	42.964	204.2	0.088	7.975	40.3	1
50	12.170	12.164	34.657	6.93	26.309	26.310	30.736	35.058	39.278	43.403	173.4	0.107	10.129	50.3	1
60	11.485	11.477	34.713	6.69	26.481	26.483	30.923	35.257	39.491	43.628	157.2	0.124	7.383	60.4	1
70	10.759	10.750	34.687	6.58	26.594	26.595	31.051	35.400	39.647	43.798	146.8	0.139	5.961	70.4	1
80	10.068	10.059	34.678	6.35	26.708	26.710	31.180	35.544	39.805	43.969	136.0	0.153	6.021	80.5	1
90	9.515	9.505	34.613	6.20	26.751	26.752	31.235	35.611	39.884	44.059	132.1	0.166	3.702	90.6	1
100	8.984	8.974	34.523	6.15	26.767	26.769	31.265	35.652	39.937	44.123	130.7	0.180	2.353	100.6	1
120	8.501	8.489	34.570	6.02	26.880	26.882	31.388	35.786	40.081	44.277	120.3	0.205	4.227	120.8	1
140	8.271	8.256	34.565	5.90	26.911	26.913	31.425	35.828	40.128	44.329	117.6	0.228	2.252	140.9	1
160	7.424	7.409	34.463	6.02	26.957	26.959	31.492	35.914	40.233	44.452	113.4	0.252	2.755	161.1	1
180	6.962	6.945	34.408	5.94	26.979	26.981	31.525	35.959	40.288	44.518	111.5	0.274	1.944	181.2	1
200	6.325	6.308	34.340	5.94	27.010	27.013	31.573	36.022	40.367	44.611	108.5	0.296	2.330	201.4	1
220	5.745	5.726	34.276	6.09	27.034	27.037	31.612	36.076	40.434	44.691	106.2	0.318	2.069	221.5	1
240	5.015	4.996	34.200	6.14	27.061	27.064	31.658	36.141	40.517	44.791	103.5	0.338	2.217	241.7	1
260	4.874	4.854	34.201	6.30	27.079	27.081	31.679	36.165	40.545	44.822	102.0	0.359	1.686	261.9	1
280	4.770	4.748	34.199	6.18	27.088	27.091	31.692	36.180	40.563	44.842	101.2	0.379	1.298	282.0	1
300	4.704	4.681	34.200	6.13	27.097	27.099	31.702	36.192	40.576	44.858	100.6	0.400	1.187	302.2	1
320	4.660	4.636	34.209	6.10	27.109	27.112	31.715	36.207	40.591	44.874	99.7	0.420	1.402	322.4	1
340	4.545	4.520	34.202	6.00	27.116	27.118	31.725	36.220	40.607	44.893	99.1	0.439	1.116	342.5	1
360	4.397	4.370	34.193	6.04	27.125	27.128	31.739	36.237	40.628	44.917	98.3	0.459	1.293	362.7	1
380	4.283	4.255	34.191	6.13	27.135	27.138	31.752	36.253	40.648	44.939	97.4	0.479	1.344	382.9	1
400	4.199	4.170	34.193	6.04	27.146	27.149	31.765	36.268	40.665	44.958	96.6	0.498	1.346	403.1	1
450	3.980	3.948	34.189	6.01	27.166	27.169	31.791	36.300	40.702	45.001	94.9	0.546	1.190	453.5	1
500	3.723	3.688	34.188	5.97	27.190	27.194	31.823	36.339	40.747	45.052	92.7	0.593	1.330	504.0	1
550	3.593	3.555	34.192	5.90	27.206	27.210	31.843	36.362	40.773	45.082	91.4	0.639	1.065	554.5	1
600	3.432	3.391	34.193	5.80	27.223	27.227	31.863	36.387	40.803	45.115	90.0	0.684	1.093	604.9	1
650	3.192	3.149	34.191	5.81	27.244	27.248	31.892	36.422	40.843	45.161	88.0	0.729	1.270	655.5	1
700	3.027	2.981	34.199	5.70	27.266	27.270	31.918	36.453	40.879	45.201	86.0	0.772	1.246	706.0	1
750	3.073	3.023	34.238	5.50	27.292	27.297	31.943	36.476	40.901	45.222	83.9	0.815	1.269	756.5	1
800	3.176	3.121	34.286	5.17	27.321	27.326	31.970	36.500	40.921	45.239	81.8	0.856	1.296	807.0	1
900	2.827	2.768	34.301	4.98	27.365	27.370	32.023	36.563	40.993	45.320	77.6	0.936	1.306	908.2	1
1000	2.772	2.706	34.357	4.63	27.415	27.421	32.075	36.615	41.047	45.375	73.4	1.012	1.309	1009.3	1
1100	2.728	2.654	34.410	4.36	27.460	27.467	32.122	36.664	41.097	45.425	69.6	1.083	1.255	1110.5	1
1200	2.699	2.618	34.464	4.20	27.506	27.513	32.169	36.711	41.144	45.473	65.9	1.151	1.175	1211.8	1
1300	2.703	2.613	34.506	4.13	27.539	27.547	32.203	36.745	41.178	45.506	63.4	1.216	1.053	1313.2	1
1400	2.725	2.627	34.555	4.10	27.577	27.585	32.240	36.781	41.214	45.542	60.6	1.278	1.153	1414.5	1
1500	2.770	2.664	34.610	4.12	27.616	27.626	32.279	36.819	41.250	45.576	57.7	1.337	1.050	1516.0	1
1600	2.791	2.676	34.651	4.14	27.647	27.657	32.310	36.849	41.279	45.605	55.5	1.393	1.013	1617.5	1
1700	2.788	2.664	34.687	4.17	27.676	27.687	32.340	36.879	41.309	45.635	53.5	1.448	0.989	1719.0	1
1800	2.809	2.676	34.718	4.28	27.699	27.711	32.363	36.902	41.332	45.657	52.1	1.501	0.747	1820.6	1
1900	2.819	2.677	34.747	4.43	27.722	27.734	32.386	36.924	41.353	45.679	50.7	1.552	0.890	1922.2	1
2000	2.977	2.822	34.805	4.68	27.753	27.767	32.414	36.948	41.373	45.695	49.2	1.602	0.816	2023.9	1
2100	2.948	2.785	34.819	4.85	27.767	27.782	32.430	36.965	41.391	45.713	48.4	1.651	0.690	2125.6	1
2200	2.862	2.691	34.824	4.92	27.779	27.794	32.445	36.982	41.411	45.735	47.5	1.699	0.795	2227.4	1
2300	2.651	2.474	34.804	4.79	27.782	27.797	32.454	36.997	41.431	45.761	46.7	1.746	0.745	2329.2	1
2400	2.592	2.406	34.808	4.82	27.790	27.806	32.465	37.010	41.446	45.778	46.1	1.792	0.638	2431.1	1
2500	2.506	2.313	34.809	4.87	27.798	27.815	32.476	37.024	41.462	45.796	45.5	1.838	0.553	2533.1	1
2600	2.443	2.241	34.814	4.92	27.808	27.825	32.488	37.038	41.477	45.813	44.7	1.883	0.668	2635.0	1
2700	2.483	2.270	34.837	5.04	27.822	27.840	32.503	37.051	41.491	45.825	44.2	1.928	0.665	2737.1	1
2800	2.394	2.173	34.835	5.09	27.829	27.847	32.512	37.063	41.505	45.842	43.5	1.971	0.622	2839.1	1
2900	2.188	1.961	34.809	5.09	27.825	27.843	32.515	37.071	41.519	45.862	42.9	2.015	0.670	2941.2	1
2964	2.058	1.828	34.794	4.90	27.824	27.842	32.517	37.078	41.529	45.875	42.4	2.042	0.847	3007.0	1

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	15.082	15.082	34.764	6.05	1.2	0.27	0.20	0.02	25.789	25.789	34.425	42.667	0.	
27	15.089	15.085	34.750	6.09	1.2	0.29	0.20	0.02	25.777	25.778	34.414	42.655	28.	
56	11.690	11.683	34.782	5.65	3.4	0.81	9.50	0.10	26.497	26.498	35.263	43.625	57.	
99	8.285	8.275	34.437	5.76	5.5	1.30	17.30	0.02	26.809	26.810	35.727	44.228	101.	B9
144	8.235	8.220	34.581	5.89	6.3	1.28	17.20	0.02	26.929	26.932	35.848	44.350	146.	
197	6.172	6.154	34.311	5.98	9.1	1.57	21.90	0.02	27.008	27.010	36.028	44.623	199.	
295	4.823	4.801	34.210	6.20	12.2	1.71	24.50	0.02	27.091	27.094	36.180	44.840	298.	
400	4.205	4.175	34.182	6.29	14.7	1.80	25.70	0.01	27.136	27.140	36.259	44.948	404.	
490	3.700	3.666	34.171	6.22	18.9	1.88	27.10	0.00	27.179	27.183	36.329	45.044	495.	
603	3.395	3.353	34.186	6.00	22.9	1.97	28.40	0.00	27.221	27.225	36.388	45.117	609.	
685	3.076	3.030	34.277	5.81	27.7	2.05	29.50	0.00	27.323	27.328	36.506	45.250	693.	B1
786	3.141	3.088	34.197	5.20	36.3	2.17	31.60	0.00	27.254	27.258	36.435	45.178	794.	B1
884	2.944	2.885	34.300	5.04	41.5	2.22	32.30	0.00	27.354	27.359	36.545	45.296	893.	
986	2.809	2.743	34.342	4.79	48.2	2.29	33.30	0.00	27.399	27.405	36.598	45.356	997.	
1182	2.754	2.673	34.552	4.15	66.1	2.32	33.80	0.00	27.572	27.579	36.772	45.530	1195.	B1
1381	2.714	2.618	34.551	4.15	65.9	2.31	33.60	0.00	27.574	27.583	36.779	45.540	1397.	
1574	2.767	2.654	34.630	4.21	65.5	2.21	32.30	0.00	27.633	27.643	36.836	45.594	1593.	
1777	2.776	2.645	34.706	4.33	65.5	2.12	30.80	0.00	27.692	27.704	36.897	45.653	1800.	
1967	2.953	2.802	34.795	4.77	55.3	1.89	27.50	0.00	27.747	27.761	36.944	45.691	1993.	
2168	2.875	2.707	34.822	4.94	53.9	1.81	26.30	0.00	27.776	27.791	36.978	45.730	2198.	
2364	2.632	2.449	34.816	4.87	61.8	1.86	27.10	0.00	27.793	27.809	37.010	45.775	2397.	B1
2563	2.472	2.272	34.822	4.94	63.5	1.84	27.00	0.00	27.812	27.828	37.039	45.813	2600.	B1
2755	2.390	2.173	34.829	5.05	62.0	1.80	26.20	0.00	27.824	27.842	37.058	45.838	2796.	
2954	2.094	1.864	34.798	4.89	75.4	1.91	27.80	0.00	27.824	27.842	37.076	45.872	2999.	

SHIP AT CRUISE 107 STATION 65
START 42 38.78 S 52 28.99 W AT 2238 79/12/28
WIND = 10M/S COR. DEPTH = 5699M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.924	17.924	34.259	5.97	24.742	24.742	29.065	33.286	37.410	41.443	321.1	0.000	0.000	-0
10	17.644	17.642	34.251	5.87	24.803	24.804	29.132	33.358	37.487	41.523	315.6	0.032	4.409	10.1
20	15.266	15.263	34.108	6.33	25.245	25.245	29.616	33.863	38.052	42.127	273.9	0.061	11.781	20.1
30	12.798	12.794	33.922	6.80	25.617	25.617	30.036	34.350	38.564	42.682	238.7	0.087	10.827	30.2
40	11.973	11.968	34.002	6.81	25.838	25.839	30.274	34.604	38.832	42.965	217.8	0.110	8.355	40.2
50	10.353	10.347	33.856	6.78	26.019	26.020	30.490	34.853	39.114	43.278	200.8	0.131	7.558	50.3
60	9.551	9.545	33.931	5.88	26.212	26.213	30.701	35.080	39.357	43.537	182.5	0.150	7.815	60.3
70	9.869	9.861	34.114	5.44	26.302	26.304	30.783	35.154	39.423	43.595	174.3	0.168	5.301	70.4
80	9.224	9.216	34.102	5.18	26.400	26.401	30.895	35.280	39.563	43.747	165.1	0.185	5.560	80.5
90	8.702	8.693	34.069	5.60	26.456	26.458	30.963	35.361	39.654	43.849	159.9	0.201	4.263	90.5
100	8.842	8.831	34.149	5.36	26.497	26.499	31.000	35.394	39.684	43.876	156.2	0.217	3.555	100.6
120	12.170	12.154	35.097	5.01	26.649	26.652	31.076	35.394	39.612	43.734	143.0	0.247	4.770	120.8
140	11.455	11.437	34.941	5.17	26.664	26.667	31.106	35.440	39.672	43.808	141.9	0.275	1.620	140.9
160	8.877	8.860	34.451	5.51	26.728	26.730	31.229	35.620	39.907	44.097	135.6	0.303	3.363	161.0
180	9.006	8.987	34.538	5.36	26.775	26.778	31.274	35.661	39.945	44.131	131.5	0.330	2.722	181.2
200	8.410	8.390	34.470	5.39	26.816	26.819	31.328	35.729	40.027	44.225	127.8	0.356	2.610	201.3
220	9.258	9.233	34.694	4.99	26.856	26.860	31.349	35.730	40.008	44.188	124.7	0.381	2.395	221.5
240	8.666	8.640	34.628	4.92	26.899	26.903	31.406	35.800	40.091	44.284	120.8	0.405	2.702	241.6
260	7.897	7.870	34.507	4.98	26.923	26.926	31.448	35.860	40.168	44.377	118.5	0.429	2.086	261.8
280	6.833	6.807	34.341	5.37	26.944	26.947	31.495	35.933	40.266	44.499	116.3	0.453	2.087	282.0
300	6.071	6.045	34.240	5.63	26.965	26.968	31.536	35.992	40.343	44.594	114.0	0.476	2.040	302.1
320	6.230	6.202	34.296	5.67	26.988	26.992	31.555	36.007	40.354	44.601	112.2	0.498	1.873	322.3
340	5.951	5.921	34.201	5.60	26.949	26.952	31.523	35.983	40.338	44.591	116.0	0.521	-2.396	342.5
360	5.455	5.425	34.213	5.87	27.020	27.023	31.607	36.078	40.444	44.709	109.1	0.544	3.434	362.6
380	5.748	5.715	34.289	5.75	27.044	27.048	31.623	36.087	40.446	44.703	107.4	0.565	1.825	382.8
400	5.476	5.443	34.268	5.69	27.061	27.065	31.647	36.119	40.483	44.747	105.8	0.587	1.772	403.0
430	4.884	4.849	34.207	6.10	27.082	27.086	31.684	36.170	40.550	44.827	103.8	0.639	1.313	453.4
500	5.132	5.091	34.280	5.79	27.111	27.116	31.707	36.187	40.560	44.832	101.8	0.690	1.303	503.9
550	4.587	4.544	34.219	5.93	27.125	27.129	31.735	36.229	40.616	44.901	100.4	0.741	1.150	554.4
600	4.465	4.419	34.223	5.96	27.141	27.146	31.755	36.253	40.642	44.930	99.2	0.791	1.082	604.5
650	4.248	4.199	34.220	5.95	27.162	27.167	31.782	36.285	40.680	44.972	97.4	0.840	1.239	655.3
700	3.966	3.915	34.207	5.88	27.181	27.187	31.809	36.319	40.721	45.021	95.5	0.888	1.242	705.8
750	3.734	3.680	34.197	5.97	27.196	27.202	31.831	36.347	40.755	45.060	94.1	0.936	1.111	756.4
800	4.082	4.022	34.270	5.45	27.219	27.226	31.845	36.352	40.751	45.047	93.1	0.983	1.007	806.9
900	3.226	3.164	34.208	5.66	27.254	27.260	31.903	36.433	40.854	45.171	88.8	1.073	1.253	908.0
990	3.075	3.007	34.245	5.39	27.298	27.304	31.951	36.485	40.910	45.230	85.0	1.151	1.307	999.0

DE	TE	PT	SA	OX	SIL	PO4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	17.671	17.671	34.259	5.71	1.7	0.23	0.20	0.00	24.803	24.803	33.356	41.520	0.	
21	17.238	17.235	34.242	5.79	1.7	0.23	0.20	0.00	24.894	24.895	33.463	41.641	22.	
46	10.698	10.693	33.877	6.10	1.7	0.66	0.20	0.65	25.975	25.976	34.794	43.206	47.	
67	9.842	9.834	34.070	5.94	2.0	0.92	0.70	0.29	26.272	26.274	35.126	43.569	68.	
96	9.302	9.292	34.210	5.03	2.7	1.33	10.60	0.00	26.471	26.473	35.347	43.809	97.	
119	12.246	12.230	35.114	5.19	4.0	0.86	17.30	0.01	26.648	26.651	35.389	43.727	121.	D5
146	8.797	8.782	34.400	5.61	3.4	1.24	10.60	0.23	26.700	26.703	35.597	44.077	147.	
171	9.206				3.1		15.80						173.	
196	9.818	9.795	34.769	4.97	6.6	1.26	17.40	0.03	26.821	26.825	35.669	44.104	199.	
218	9.603	9.579	34.748	4.95	7.6	1.31	18.50	0.00	26.841	26.845	35.699	44.142	220.	
246	8.693	8.666	34.634	4.97	8.7	1.43	20.30	0.01	26.900	26.904	35.800	44.282	248.	
269	7.255	7.229	34.387	5.62	7.6	1.51	21.00	0.00	26.921	26.925	35.890	44.437	272.	
294	6.506	6.479	34.318	5.78	7.9	1.54	21.70	0.00	26.969	26.973	35.975	44.556	297.	
344	5.760	5.730	34.267	5.96	9.5	1.64	23.10	0.00	27.025	27.029	36.068	44.683	348.	
393	5.406	5.374	34.242	6.06	10.0	1.65	23.50	0.00	27.048	27.052	36.110	44.742	397.	
442	5.223	5.187	34.259	5.97	11.9	1.70	24.80	0.00	27.084	27.088	36.155	44.795	446.	
490	5.217	5.177	34.276	5.75	13.9	1.76	25.50	0.00	27.098	27.103	36.169	44.810	495.	
534	4.590	4.549	34.211	6.18	13.1	1.88	25.30	0.00	27.118	27.122	36.222	44.893	539.	
590	4.469	4.424	34.223	6.03	15.4	1.81	26.20	0.00	27.141	27.145	36.251	44.928	596.	
646	4.244	4.196	34.220	5.96	17.3	1.85	26.90	0.00	27.162	27.168	36.285	44.973	652.	
690	4.069	4.018	34.217	5.88	18.0	1.88	27.20	0.00	27.178	27.184	36.311	45.007	697.	
790	3.818	3.760	34.239	9.99	23.2	1.99	29.10	0.00	27.222	27.227	36.368	45.076	798.	
884	3.254	3.193	34.203	5.69	27.5	2.04	29.60	0.00	27.248	27.254	36.425	45.162	893.	
983	3.086	3.018	34.242	5.44	34.0	2.13	31.00	0.00	27.295	27.301	36.481	45.226	994.	

SHIP AT CRUISE 107 STATION 6601
START 42 38.40 S 52 26.40 W AT 38 79/12/29
WIND = 9M/S COR. DEPTH = 5699M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	18.396	18.396	34.524	4.89	24.827	24.827	29.141	33.353	37.469	41.492	312.9	0.000	0.000	-0
10	17.901	17.899	34.438	5.32	24.884	24.884	29.207	33.427	37.551	41.583	307.9	0.031	4.214	10.1
20	15.469	15.466	34.190	5.79	25.263	25.263	29.630	33.893	38.058	42.129	272.1	0.060	10.917	20.1
30	13.914	13.910	34.104	6.22	25.531	25.532	29.928	34.220	38.412	42.510	246.9	0.086	9.195	30.2
40	12.200	12.195	34.175	6.17	25.929	25.930	30.359	34.683	38.906	43.034	209.2	0.109	11.198	40.2
50	11.634	11.628	34.251	5.64	26.095	26.097	30.537	34.871	39.105	43.242	193.6	0.129	7.236	50.3
60	11.544	11.536	34.332	5.08	26.174	26.176	30.618	34.953	39.188	43.326	186.4	0.148	4.992	60.4
70	10.167	10.159	34.186	4.68	26.307	26.308	30.781	35.145	39.408	43.573	173.8	0.166	6.495	70.4
80	8.887	8.879	34.025	4.61	26.393	26.394	30.896	35.290	39.580	43.771	165.7	0.183	5.259	80.5
90	9.443	9.433	34.188	4.40	26.431	26.433	30.921	35.301	39.578	43.758	162.4	0.199	3.407	90.5
100	11.554	11.541	34.771	4.35	26.514	26.516	30.954	35.287	39.519	43.654	155.2	0.215	4.968	100.6
120	10.629	10.614	34.681	4.77	26.612	26.615	31.073	35.425	39.675	43.829	146.1	0.245	3.974	120.8
140	9.141	9.126	34.484	5.01	26.711	26.713	31.206	35.591	39.872	44.056	136.8	0.274	4.023	140.9
160	9.663	9.645	34.631	4.88	26.739	26.743	31.223	35.595	39.865	44.037	134.7	0.301	2.064	161.0
180	9.055	9.035	34.544	5.00	26.772	26.775	31.269	35.656	39.939	44.124	131.8	0.327	2.347	181.2
200	9.956	9.932	34.799	4.38	26.821	26.825	31.298	35.663	39.926	44.092	127.9	0.353	2.683	201.3
220	7.824	7.802	34.399	4.88	26.849	26.852	31.376	35.790	40.101	44.312	124.8	0.379	2.417	221.5
240	7.702	7.678	34.427	5.06	26.888	26.892	31.418	35.835	40.148	44.362	121.3	0.403	2.521	241.6
260	6.785	6.761	34.283	5.33	26.904	26.908	31.457	35.897	40.231	44.465	119.6	0.427	1.843	261.8
280	6.866	6.840	34.327	5.33	26.928	26.932	31.479	35.916	40.249	44.481	117.7	0.451	1.920	282.0
300	5.937	5.911	34.209	5.57	26.957	26.960	31.531	35.991	40.346	44.599	114.7	0.474	2.347	302.1
320	6.043	6.015	34.263	5.59	26.986	26.990	31.557	36.015	40.366	44.617	112.3	0.497	2.113	322.3
340	5.739	5.710	34.246	5.51	27.011	27.015	31.591	36.055	40.414	44.672	109.9	0.519	2.086	342.5
360	5.636	5.606	34.251	5.65	27.028	27.031	31.610	36.077	40.438	44.698	108.5	0.541	1.655	362.6
380	5.674	5.642	34.290	5.62	27.054	27.058	31.635	36.101	40.461	44.720	106.4	0.563	2.010	382.8
400	5.745	5.711	34.317	5.41	27.066	27.071	31.646	36.110	40.468	44.725	105.5	0.584	1.382	403.0
450	4.924	4.889	34.222	5.58	27.089	27.093	31.690	36.175	40.554	44.830	103.2	0.636	1.406	453.4
500	4.706	4.667	34.218	5.87	27.111	27.115	31.718	36.209	40.593	44.874	101.4	0.687	1.250	503.9
550	4.610	4.567	34.232	5.75	27.133	27.137	31.743	36.236	40.622	44.906	99.7	0.737	1.215	554.4
600	4.347	4.302	34.223	5.75	27.153	27.158	31.770	36.271	40.663	44.953	97.9	0.787	1.252	604.8
650	4.300	4.250	34.237	5.62	27.170	27.175	31.788	36.290	40.684	44.975	96.7	0.835	1.043	655.3
700	3.934	3.883	34.201	5.75	27.180	27.185	31.808	36.319	40.723	45.023	95.6	0.883	1.031	705.9
750	4.120	4.064	34.258	5.47	27.205	27.211	31.829	36.335	40.733	45.029	94.0	0.931	1.176	756.4
800	3.508	3.451	34.191	5.78	27.214	27.219	31.855	36.377	40.791	45.101	92.5	0.978	1.158	806.9
900	3.352	3.288	34.229	5.70	27.259	27.265	31.904	36.430	40.848	45.163	88.6	1.068	1.212	908.0
1000	3.156	3.087	34.270	5.25	27.310	27.317	31.961	36.492	40.915	45.234	84.1	1.154	1.406	1009.0

SHIP AT CRUISE 107 STATION 6602
 START 42 38.40 S 52 23.80 W AT 200 79/12/29
 WIND = 999M/S COR. DEPTH = 5699M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	18.577	18.577	34.589	5.33	24.832	24.832	29.142	33.351	37.463	41.483	312.5	0.000	0.000	-0.0
10	18.513	18.511	34.569	5.34	24.833	24.833	29.145	33.355	37.468	41.490	312.8	.031	.697	10.1
20	17.209	17.206	34.385	5.43	25.011	25.012	29.346	33.578	37.714	41.756	296.1	.062	7.491	20.1
30	13.711	13.707	34.168	6.13	25.623	25.623	30.023	34.318	38.513	42.614	238.2	.088	13.881	30.2
40	12.761	12.756	34.279	5.85	25.900	25.901	30.319	34.631	38.843	42.959	212.0	.111	9.352	40.2
50	11.646	11.639	34.289	5.41	26.122	26.123	30.563	34.897	39.130	43.267	191.1	.131	8.366	50.3
60	11.511	11.503	34.328	4.91	26.178	26.179	30.622	34.958	39.193	43.333	186.0	.150	4.191	60.3
70	11.230	11.221	34.358	4.64	26.253	26.254	30.702	35.044	39.285	43.429	179.1	.168	4.863	70.4
80	9.520	9.511	34.143	4.74	26.383	26.384	30.871	35.250	39.526	43.705	166.8	.185	6.459	80.5
90	9.948	9.938	34.289	4.33	26.425	26.427	30.903	35.272	39.538	43.707	163.0	.202	3.617	90.5
100	11.686	11.674	34.780	4.28	26.495	26.498	30.933	35.263	39.492	43.625	156.9	.218	4.583	100.6
120	11.038	11.024	34.746	4.79	26.589	26.592	31.041	35.385	39.626	43.771	148.4	.249	3.870	120.8
140	10.044	10.028	34.674	4.90	26.708	26.711	31.183	35.547	39.809	43.973	137.3	.277	4.376	140.9
160	9.664	9.646	34.650	4.84	26.755	26.758	31.238	35.610	39.880	44.052	133.2	.304	2.742	161.0
180	9.404	9.384	34.623	4.84	26.777	26.780	31.266	35.644	39.920	44.097	131.5	.331	1.911	181.2
200	10.051	10.028	34.811	4.44	26.815	26.819	31.289	35.652	39.913	44.077	128.6	.357	2.353	201.3
220	8.335	8.312	34.508	4.75	26.857	26.860	31.371	35.774	40.072	44.273	124.3	.382	2.808	221.5
240	7.354	7.331	34.354	5.16	26.881	26.884	31.420	35.845	40.167	44.388	121.8	.406	2.159	241.6
260	6.331	6.308	34.221	5.47	26.916	26.919	31.480	35.931	40.276	44.520	118.2	.431	2.536	261.8
280	6.571	6.545	34.305	5.48	26.950	26.954	31.508	35.953	40.292	44.531	115.4	.454	2.270	282.0
300	6.223	6.196	34.279	5.52	26.976	26.979	31.543	35.996	40.343	44.590	113.1	.477	2.098	302.1
320	6.155	6.127	34.292	5.49	26.995	26.998	31.563	36.018	40.366	44.614	111.6	.499	1.744	322.3
340	6.064	6.034	34.300	5.44	27.013	27.016	31.584	36.040	40.391	44.641	110.0	.521	1.727	342.4
360	5.990	5.959	34.303	5.46	27.025	27.029	31.598	36.056	40.409	44.660	109.1	.543	1.411	362.6
380	5.768	5.735	34.290	5.47	27.042	27.046	31.621	36.085	40.443	44.700	107.5	.565	1.768	382.8
400	5.018	5.983	34.349	5.33	27.057	27.062	31.630	36.087	40.439	44.690	106.6	.586	1.411	403.0
450	5.263	5.226	34.266	5.50	27.085	27.089	31.677	36.153	40.523	44.792	103.9	.639	1.495	453.4
500	4.633	4.595	34.202	5.94	27.106	27.110	31.715	36.208	40.593	44.877	101.7	.690	1.352	503.9
550	4.639	4.596	34.230	5.71	27.128	27.132	31.737	36.229	40.615	44.898	100.2	.741	1.178	554.4
600	4.459	4.413	34.230	5.74	27.147	27.152	31.761	36.258	40.648	44.936	98.6	.791	1.182	604.8
650	4.229	4.180	34.222	5.81	27.166	27.171	31.786	36.289	40.685	44.978	97.0	.839	1.190	655.3
700	3.931	3.879	34.202	5.88	27.181	27.186	31.810	36.321	40.724	45.024	95.5	.888	1.147	705.8
750	3.876	3.822	34.217	5.66	27.198	27.204	31.829	36.341	40.746	45.047	94.2	.935	1.085	756.4
800	3.513	3.456	34.186	5.96	27.209	27.215	31.850	36.372	40.786	45.097	92.9	.982	1.080	806.9
900	3.213	3.151	34.212	5.72	27.258	27.264	31.907	36.437	40.859	45.177	88.4	1.073	1.353	908.0
987	3.227	3.158	34.266	5.41	27.301	27.307	31.950	36.479	40.900	45.217	85.1	1.148	1.308	996.0

SHIP AT CRUISE 107 STATION 6603
 START 42 38.50 S 52 21.18 W AT 320 79/12/29
 WIND = 0M/S COR. DEPTH = 5689M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	18.405	18.405	34.580	5.37	24.868	24.868	29.181	33.393	37.508	41.531	309.1	0.000	0.000	-0.0
10	18.412	18.411	34.587	5.22	24.871	24.871	29.184	33.396	37.511	41.534	309.1	.031	1.043	10.1
20	18.169	18.165	34.561	5.42	24.912	24.913	29.230	33.446	37.565	41.591	305.6	.062	3.604	20.1
30	14.374	14.370	34.237	6.10	25.537	25.538	29.925	34.207	38.390	42.479	246.3	.089	14.034	30.2
40	12.754	12.749	34.232	5.61	25.865	25.866	30.284	34.597	38.809	42.926	215.3	.112	10.165	40.2
50	12.101	12.094	34.293	5.33	26.040	26.041	30.471	34.796	39.021	43.149	199.0	.133	7.416	50.3
60	11.843	11.835	34.466	5.11	26.222	26.224	30.658	34.987	39.215	43.347	181.8	.152	7.382	60.3
70	11.300	11.291	34.417	4.93	26.286	26.287	30.734	35.074	39.312	43.455	176.0	.170	4.489	70.4
80	10.732	10.722	34.366	4.65	26.349	26.351	30.809	35.161	39.412	43.565	170.2	.187	4.490	80.5
90	10.879	10.868	34.517	4.55	26.440	26.442	30.896	35.244	39.491	43.640	161.8	.204	5.344	90.5
100	11.213	11.200	34.714	4.84	26.533	26.535	30.981	35.321	39.559	43.702	153.3	.220	5.379	100.6
120	9.982	9.968	34.606	4.85	26.666	26.669	31.142	35.508	39.772	43.937	140.8	.249	4.627	120.8
140	9.701	9.685	34.592	4.82	26.703	26.706	31.185	35.557	39.827	43.998	137.7	.277	2.433	140.9
160	9.814	9.796	34.689	4.77	26.760	26.763	31.239	35.608	39.875	44.043	132.8	.304	2.974	161.0
180	8.772	8.753	34.529	4.94	26.806	26.809	31.309	35.702	39.991	44.182	128.5	.330	2.800	181.2
200	8.245	8.224	34.450	5.05	26.825	26.828	31.342	35.746	40.047	44.250	126.8	.356	1.859	201.3
220	7.526	7.504	34.354	5.21	26.856	26.859	31.390	35.812	40.129	44.347	123.9	.381	2.336	221.5
240	6.955	6.932	34.303	5.38	26.897	26.900	31.446	35.881	40.211	44.441	120.1	.405	2.630	241.6
260	7.487	7.461	34.420	5.24	26.914	26.918	31.449	35.872	40.189	44.408	119.1	.429	1.482	261.8
280	6.881	6.855	34.332	5.39	26.930	26.933	31.480	35.917	40.249	44.481	117.6	.453	1.769	282.0
300	6.169	6.143	34.258	5.63	26.966	26.969	31.534	35.989	40.337	44.585	114.0	.476	2.541	302.1
320	6.423	6.394	34.334	5.38	26.993	26.997	31.555	36.003	40.345	44.587	111.9	.498	2.000	322.3
340	6.094	6.064	34.295	5.41	27.005	27.009	31.575	36.031	40.382	44.631	110.8	.521	1.507	342.5
360	6.144	6.113	34.327	5.31	27.024	27.028	31.593	36.047	40.396	44.644	109.3	.543	1.704	362.6
380	5.854	5.822	34.293	5.40	27.034	27.038	31.611	36.073	40.429	44.683	108.4	.564	1.433	382.8
400	5.695	5.661	34.283	5.50	27.046	27.050	31.627	36.093	40.452	44.711	107.4	.586	1.448	403.0
450	5.661	5.623	34.331	5.16	27.087	27.092	31.670	36.136	40.496	44.755	104.1	.639	1.629	453.4
500	5.205	5.164	34.287	5.29	27.108	27.113	31.702	36.180	40.551	44.821	102.2	.690	1.280	503.9
550	4.692	4.649	34.234	5.62	27.124	27.129	31.733	36.224	40.608	44.889	100.6	.741	1.224	554.4
600	4.434	4.388	34.224	5.73	27.145	27.150	31.760	36.258	40.648	44.936	98.8	.791	1.241	604.8
650	4.222	4.173	34.219	5.76	27.164	27.169	31.785	36.288	40.684	44.977	97.1	.840	1.204	655.3
700	4.128	4.076	34.226	5.78	27.180	27.185	31.803	36.309	40.707	45.003	96.0	.888	1.042	705.8
750	3.667	3.614	34.183	5.93	27.192	27.198	31.828	36.347	40.757	45.063	94.4	.936	1.170	756.4
800	3.607	3.550	34.202	5.84	27.213	27.219	31.852	36.371	40.782	45.091	92.7	.983	1.184	806.9
900	3.259	3.197	34.208	5.77	27.251	27.257	31.899	36.428	40.848	45.165	89.1	1.074	1.178	908.0
990	3.044	2.976	34.237	5.54	27.294	27.301	31.948	36.483	40.908	45.230	85.2	1.152	1.084	999.0

SHIP AT CRUISE 107 STATION 6604
 START 42 38.65 S 52 18.95 W AT 440 79/12/29
 WIND = OM/S COR. DEPTH = 5684M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.474	17.474	34.269	5.49	24.858	24.858	29.189	33.417	37.549	41.588	310.0	0.000	0.000	- 0
10	17.780	17.778	34.389	5.35	24.876	24.877	29.202	33.424	37.550	41.584	308.6	0.031	2.404	10.1
20	17.787	17.783	34.479	5.36	24.943	24.944	29.268	33.490	37.616	41.649	302.6	0.061	4.600	20.1
30	14.835	14.830	34.272	5.90	25.465	25.466	29.843	34.117	38.293	42.374	253.2	0.089	12.818	30.2
40	12.454	12.448	34.022	6.18	25.762	25.763	30.188	34.508	38.728	42.851	225.1	0.113	9.681	40.2
50	12.431	12.424	34.358	5.44	26.026	26.028	30.451	34.769	38.987	43.109	200.3	0.134	9.115	50.3
60	12.068	12.060	34.441	5.25	26.161	26.162	30.592	34.917	39.141	43.269	187.7	0.154	6.505	60.3
70	11.569	11.560	34.476	5.19	26.282	26.284	30.724	35.058	39.291	43.428	176.4	0.172	6.195	70.4
80	11.341	11.331	34.553	5.16	26.384	26.386	30.830	35.168	39.405	43.546	167.0	0.189	5.658	80.5
90	11.820	11.809	34.776	5.07	26.467	26.470	30.903	35.230	39.456	43.587	159.3	0.206	5.106	90.5
100	11.853	11.840	34.869	4.99	26.533	26.535	30.967	35.293	39.518	43.648	153.4	0.221	4.538	100.6
120	9.316	9.303	34.441	5.09	26.649	26.651	31.140	35.521	39.799	43.980	142.4	0.251	4.367	120.8
140	9.893	9.877	34.669	4.82	26.730	26.733	31.208	35.575	39.840	44.008	135.2	0.279	3.548	140.9
160	9.332	9.314	34.605	4.90	26.774	26.777	31.265	35.645	39.922	44.101	131.3	0.305	2.689	161.0
180	8.047	8.028	34.380	5.19	26.800	26.803	31.321	35.731	40.037	44.243	128.8	0.331	2.200	181.2
200	7.718	7.698	34.360	5.21	26.833	26.836	31.363	35.780	40.093	44.307	125.9	0.357	2.329	201.3
220	7.569	7.547	34.380	5.31	26.871	26.874	31.404	35.824	40.141	44.357	122.6	0.381	2.457	221.5
240	7.325	7.302	34.365	5.30	26.894	26.897	31.433	35.859	40.181	44.403	120.6	0.406	1.953	241.6
260	7.296	7.271	34.382	5.38	26.911	26.915	31.451	35.878	40.200	44.423	119.2	0.430	1.695	261.8
280	6.743	6.717	34.315	5.53	26.936	26.939	31.490	35.930	40.265	44.500	116.9	0.453	2.088	282.0
300	6.094	6.068	34.248	5.70	26.968	26.971	31.538	35.995	40.345	44.595	113.7	0.476	2.415	302.1
320	6.262	6.234	34.308	5.47	26.993	26.997	31.559	36.011	40.357	44.603	111.8	0.499	1.940	322.3
340	6.011	5.982	34.286	5.47	27.008	27.012	31.581	36.039	40.391	44.642	110.4	0.521	1.636	342.4
360	5.786	5.755	34.267	5.59	27.022	27.026	31.600	36.064	40.421	44.678	109.2	0.543	1.586	362.6
380	5.699	5.667	34.274	5.48	27.038	27.042	31.619	36.085	40.444	44.702	107.9	0.565	1.635	382.8
400	5.631	5.598	34.290	5.53	27.059	27.063	31.641	36.109	40.470	44.730	106.1	0.586	1.841	403.0
450	5.272	5.235	34.269	5.60	27.086	27.090	31.678	36.154	40.524	44.792	103.8	0.639	1.388	453.4
500	5.063	5.022	34.272	5.47	27.113	27.118	31.711	36.192	40.567	44.840	101.6	0.690	1.376	503.9
550	4.626	4.583	34.231	5.72	27.130	27.135	31.739	36.232	40.618	44.902	100.0	0.741	1.210	554.4
600	4.413	4.367	34.225	5.79	27.149	27.154	31.764	36.262	40.653	44.942	98.4	0.790	1.174	604.8
650	4.098	4.050	34.205	5.94	27.166	27.171	31.790	36.297	40.696	44.992	96.8	0.839	1.190	655.3
700	3.787	3.737	34.180	6.01	27.178	27.183	31.811	36.325	40.732	45.036	95.6	0.887	1.055	705.9
750	3.882	3.827	34.220	5.86	27.200	27.206	31.831	36.343	40.747	45.048	94.1	0.934	1.142	756.4
800	3.542	3.486	34.196	5.88	27.215	27.220	31.855	36.376	40.789	45.099	92.4	0.981	1.169	806.9
900	3.216	3.154	34.214	5.69	27.260	27.266	31.909	36.439	40.860	45.178	88.2	1.072	1.421	908.0
987	3.027	2.959	34.239	5.50	27.298	27.304	31.952	36.487	40.913	45.235	84.9	1.147	1.282	996.0

SHIP AT CRUISE 107 STATION 6605
 START 42 38.85 S 52 17.10 W AT 605 79/12/29
 WIND = OM/S COR. DEPTH = 5694M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.301	17.301	34.206	5.53	24.851	24.851	29.185	33.417	37.552	41.594	310.7	0.000	0.000	- 0
10	17.335	17.334	34.214	5.49	24.849	24.850	29.183	33.415	37.548	41.590	311.2	0.031	7.759	10.1
20	17.384	17.381	34.330	5.44	24.927	24.928	29.260	33.489	37.622	41.662	304.1	0.062	4.953	20.1
30	14.482	14.478	34.234	6.03	25.511	25.512	29.897	34.177	38.359	42.446	248.7	0.090	13.566	30.2
40	11.979	11.974	34.081	6.38	25.898	25.899	30.334	34.662	38.890	43.022	212.1	0.113	11.043	40.2
50	11.910	11.904	34.324	5.52	26.100	26.101	30.535	34.864	39.091	43.223	193.2	0.133	7.960	50.3
60	11.357	11.349	34.382	5.16	26.248	26.250	30.695	35.034	39.272	43.414	179.3	0.151	6.843	60.3
70	11.243	11.234	34.447	5.09	26.319	26.321	30.768	35.109	39.349	43.492	172.8	0.169	4.736	70.4
80	10.295	10.285	34.332	5.28	26.399	26.401	30.869	35.230	39.489	43.651	165.4	0.186	5.043	80.5
90	8.984	8.974	34.167	5.50	26.489	26.490	30.988	35.379	39.666	43.855	156.9	0.202	5.372	90.5
100	8.454	8.444	34.150	5.58	26.559	26.560	31.071	35.473	39.771	43.971	150.3	0.217	4.724	100.6
120	9.665	9.651	34.542	4.98	26.670	26.672	31.153	35.526	39.797	43.969	140.4	0.246	4.133	120.8
140	9.100	9.085	34.497	5.04	26.728	26.730	31.224	35.609	39.892	44.076	135.2	0.274	3.057	140.9
160	8.399	8.382	34.414	5.13	26.773	26.776	31.286	35.687	39.985	44.184	131.1	0.301	2.739	161.0
180	8.225	8.206	34.419	5.16	26.804	26.807	31.321	35.727	40.028	44.231	128.4	0.327	2.237	181.2
200	7.269	7.250	34.290	5.35	26.843	26.846	31.384	35.812	40.135	44.358	124.7	0.352	2.603	201.3
220	7.255	7.234	34.346	5.35	26.889	26.892	31.429	35.857	40.181	44.404	120.7	0.377	2.680	221.5
240	6.498	6.476	34.230	5.61	26.901	26.904	31.461	35.907	40.248	44.489	119.5	0.401	1.610	241.6
260	6.233	6.210	34.202	5.70	26.914	26.917	31.481	35.933	40.281	44.528	118.4	0.424	1.524	261.8
280	6.672	6.646	34.319	5.46	26.948	26.952	31.504	35.945	40.282	44.518	115.7	0.448	2.221	282.0
300	6.161	6.135	34.257	5.51	26.966	26.970	31.535	35.990	40.339	44.586	113.9	0.471	1.862	302.1
320	6.227	6.198	34.305	5.53	26.996	26.999	31.562	36.015	40.362	44.608	111.5	0.493	2.122	322.3
340	5.908	5.879	34.270	5.54	27.009	27.013	31.584	36.045	40.400	44.653	110.3	0.515	1.599	342.5
360	5.671	5.641	34.255	5.69	27.026	27.030	31.608	36.074	40.434	44.694	108.7	0.537	1.746	362.6
380	5.803	5.771	34.297	5.62	27.044	27.048	31.621	36.084	40.442	44.697	107.4	0.559	1.585	382.8
400	5.488	5.455	34.260	5.67	27.053	27.057	31.639	36.110	40.474	44.738	106.6	0.580	1.388	403.0
450	5.234	5.197	34.268	5.66	27.089	27.094	31.682	36.159	40.530	44.799	103.4	0.633	1.577	453.4
500	4.856	4.816	34.245	5.78	27.115	27.120	31.718	36.205	40.585	44.863	101.1	0.684	1.395	503.9
550	4.585	4.542	34.231	5.74	27.134	27.139	31.745	36.238	40.625	44.909	99.5	0.734	1.190	554.4
600	4.333	4.287	34.217	5.86	27.150	27.155	31.768	36.268	40.661	44.952	98.1	0.784	1.130	604.9
650	4.062	4.014	34.198	5.98	27.164	27.169	31.789	36.296	40.696	44.993	96.9	0.832	1.072	655.4
700	4.019	3.968	34.221	5.89	27.187	27.192	31.813	36.322	40.723	45.021	95.1	0.880	1.222	705.9
750	3.851	3.797	34.216	5.85	27.200	27.206	31.831	36.344	40.749	45.052	94.0	0.928	1.026	756.4
800	3.771	3.713	34.224	5.74	27.214	27.220	31.848	36.363	40.770	45.074	92.9	0.974	1.005	806.9
900	3.197	3.135	34.218	5.78	27.265	27.271	31.914	36.444	40.866	45.185	87.7	1.065	1.393	908.0
989	3.036	2.968	34.241	5.51	27.298	27.304	31.952	36.487	40.913	45.235	84.8	1.141	1.100	998.0

SHIP AT CRUISE 107 STATION 6606
START 42 39.30 S 52 14.95 W AT 730 79/12/29
WIND = OM/S COR. DEPTH = 5699M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.285	17.285	34.191	5.58	24.844	24.844	29.178	33.411	37.546	41.588	311.4	0.000	0.000	- 0
10	17.301	17.299	34.198	5.53	24.846	24.846	29.180	33.412	37.547	41.589	311.5	.031	.798	10.1
20	17.294	17.291	34.282	5.51	24.911	24.912	29.245	33.477	37.611	41.653	305.6	.062	4.548	20.1
30	14.141	14.137	34.061	6.18	25.451	25.452	29.844	34.132	38.320	42.414	254.5	.090	13.039	30.2
40	12.692	12.687	34.145	6.41	25.810	25.811	30.231	34.545	38.759	42.878	220.5	.114	10.640	40.2
50	11.318	11.311	34.145	6.05	26.072	26.073	30.520	34.862	39.102	43.246	195.9	.135	9.078	50.3
60	11.067	11.060	34.255	5.33	26.202	26.203	30.656	35.002	39.246	43.394	183.7	.154	6.412	60.3
70	11.376	11.367	34.479	4.92	26.320	26.322	30.766	35.104	39.341	43.482	172.7	.171	6.082	70.4
80	11.049	11.039	34.471	5.11	26.374	26.376	30.827	35.171	39.415	43.561	167.9	.188	4.123	80.5
90	10.903	10.892	34.561	5.08	26.470	26.472	30.926	35.273	39.518	43.667	158.9	.205	5.506	90.5
100	10.368	10.356	34.510	5.05	26.525	26.527	30.993	35.351	39.607	43.767	153.9	.220	4.191	100.6
120	8.438	8.426	34.243	4.98	26.634	26.636	31.146	35.548	39.846	44.045	143.6	.250	4.215	120.8
140	8.430	8.416	34.323	4.85	26.698	26.700	31.210	35.611	39.909	44.108	137.9	.278	3.172	140.9
160	9.256	9.238	34.561	4.86	26.753	26.756	31.245	35.627	39.906	44.087	133.3	.305	2.879	161.0
180	8.590	8.571	34.479	5.07	26.795	26.798	31.303	35.700	39.994	44.188	129.5	.332	2.645	181.2
200	8.104	8.083	34.448	5.14	26.845	26.848	31.365	35.773	40.077	44.282	124.9	.357	2.875	201.3
220	7.136	7.115	34.315	5.36	26.881	26.884	31.425	35.856	40.182	44.408	121.4	.382	2.518	221.5
240	6.283	6.262	34.210	5.62	26.914	26.917	31.479	35.931	40.277	44.523	118.1	.406	2.437	241.6
260	6.179	6.156	34.196	5.74	26.916	26.919	31.484	35.938	40.287	44.535	118.2	.429	.694	261.8
280	6.180	6.155	34.212	5.71	26.928	26.932	31.497	35.951	40.300	44.548	117.3	.453	1.404	282.0
300	6.046	6.020	34.241	5.67	26.969	26.972	31.540	35.997	40.349	44.600	113.7	.476	2.538	302.1
320	6.222	6.194	34.297	5.56	26.990	26.994	31.557	36.010	40.357	44.603	112.0	.499	1.778	322.3
340	5.778	5.749	34.243	5.66	27.004	27.008	31.582	36.047	40.404	44.661	110.6	.521	1.672	342.4
360	5.911	5.880	34.285	5.58	27.020	27.024	31.595	36.056	40.410	44.664	109.5	.543	1.540	362.6
380	5.392	5.361	34.228	5.72	27.039	27.042	31.627	36.101	40.468	44.734	107.5	.565	1.918	382.8
400	5.347	5.314	34.235	5.78	27.050	27.054	31.640	36.115	40.483	44.749	106.6	.586	1.378	403.0
450	5.158	5.121	34.257	5.70	27.090	27.094	31.684	36.164	40.537	44.807	103.3	.638	1.617	453.4
500	4.856	4.817	34.243	5.65	27.114	27.118	31.717	36.204	40.584	44.862	101.3	.690	1.328	503.9
550	4.635	4.593	34.236	5.74	27.132	27.137	31.742	36.234	40.620	44.903	99.8	.740	1.173	554.4
600	4.206	4.161	34.197	5.99	27.148	27.153	31.769	36.273	40.669	44.963	98.1	.789	1.193	604.8
650	3.945	3.898	34.178	6.01	27.161	27.165	31.789	36.299	40.703	45.002	97.0	.838	1.025	655.3
700	3.730	3.680	34.175	6.26	27.179	27.184	31.813	36.330	40.738	45.043	95.3	.886	1.195	705.9
750	3.692	3.639	34.194	6.06	27.198	27.204	31.834	36.351	40.760	45.067	93.9	.933	1.121	756.4
800	3.518	3.461	34.202	6.01	27.222	27.227	31.862	36.384	40.797	45.108	91.8	.980	1.300	806.9
900	3.402	3.339	34.242	5.57	27.265	27.271	31.909	36.433	40.850	45.163	88.2	1.070	1.201	908.0
993	3.014	2.946	34.243	5.58	27.302	27.308	31.956	36.492	40.918	45.241	84.5	1.151	1.202	1003.0

SHIP AT CRUISE 107 STATION 6607
START 42 38.15 S 52 13.05 W AT 850 79/12/29
WIND = OM/S COR. DEPTH = 5694M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.206	17.206	34.179	5.55	24.854	24.854	29.189	33.423	37.559	41.603	310.5	0.000	0.000	- 0
10	17.203	17.201	34.176	5.51	24.852	24.853	29.189	33.422	37.559	41.603	310.9	.031	.492	10.1
20	17.158	17.155	34.183	5.56	24.868	24.869	29.206	33.440	37.577	41.622	309.7	.062	2.256	20.1
30	14.446	14.442	34.185	6.14	25.481	25.482	29.868	34.149	38.332	42.420	251.6	.090	13.893	30.2
40	12.532	12.526	34.122	6.36	25.824	25.825	30.248	34.566	38.783	42.905	219.2	.114	10.395	40.2
50	11.727	11.721	34.213	5.86	26.048	26.049	30.488	34.821	39.053	43.189	198.1	.135	8.399	50.3
60	10.592	10.585	34.151	5.82	26.207	26.208	30.671	35.027	39.282	43.439	183.2	.154	7.086	60.3
70	11.936	11.927	34.566	5.21	26.282	26.284	30.716	35.042	39.268	43.398	176.4	.172	4.821	70.4
80	11.517	11.507	34.549	5.11	26.348	26.350	30.791	35.126	39.360	43.497	170.3	.189	4.585	80.5
90	10.342	10.331	34.375	5.28	26.425	26.426	30.894	35.254	39.511	43.672	163.2	.206	4.954	90.5
100	9.262	9.251	34.222	5.19	26.487	26.488	30.980	35.364	39.645	43.828	157.3	.222	4.490	100.6
120	8.665	8.653	34.299	4.97	26.642	26.644	31.149	35.545	39.838	44.033	142.8	.252	4.958	120.8
140	8.907	8.892	34.445	4.85	26.718	26.720	31.218	35.609	39.896	44.084	136.1	.280	3.439	140.9
160	9.031	9.014	34.529	4.94	26.764	26.767	31.261	35.648	39.932	44.118	132.2	.306	2.681	161.0
180	8.569	8.550	34.508	4.98	26.821	26.824	31.329	35.726	40.020	44.215	127.0	.332	3.035	181.2
200	7.925	7.905	34.428	5.16	26.856	26.859	31.380	35.792	40.100	44.309	123.8	.357	2.454	201.3
220	7.277	7.256	34.344	5.31	26.884	26.887	31.425	35.852	40.175	44.398	121.1	.382	2.230	221.5
240	6.262	6.241	34.211	5.62	26.917	26.920	31.483	35.935	40.282	44.528	117.8	.406	2.463	241.6
260	6.336	6.313	34.249	5.69	26.937	26.940	31.501	35.952	40.296	44.541	116.2	.429	1.760	261.8
280	6.338	6.313	34.277	5.59	26.959	26.962	31.523	35.973	40.318	44.562	114.5	.452	1.844	282.0
300	6.048	6.022	34.274	5.72	26.994	26.997	31.565	36.022	40.374	44.624	111.3	.475	2.414	302.1
320	5.808	5.780	34.248	5.66	27.004	27.008	31.582	36.045	40.402	44.658	110.4	.497	1.390	322.3
340	5.720	5.691	34.270	5.76	27.032	27.036	31.612	36.077	40.436	44.694	107.9	.519	2.115	342.5
360	5.565	5.535	34.238	5.67	27.026	27.030	31.610	36.079	40.442	44.704	108.6	.540	.836	362.6
380	5.363	5.332	34.229	5.91	27.044	27.047	31.633	36.107	40.475	44.741	107.0	.562	1.753	382.8
400	5.348	5.315	34.244	5.84	27.057	27.061	31.647	36.122	40.490	44.756	106.0	.583	1.476	403.0
450	5.113	5.077	34.252	5.78	27.091	27.095	31.687	36.167	40.541	44.813	103.2	.636	1.510	453.4
500	4.833	4.794	34.239	5.75	27.113	27.117	31.717	36.204	40.585	44.863	101.3	.687	1.274	503.9
550	4.567	4.525	34.221	5.88	27.128	27.133	31.739	36.234	40.621	44.906	100.0	.737	1.100	554.4
600	4.346	4.300	34.212	6.07	27.145	27.150	31.762	36.263	40.655	44.945	98.6	.787	1.133	604.8
650	3.960	3.912	34.178	6.24	27.159	27.163	31.786	36.297	40.699	44.999	97.2	.836	1.120	655.3
700	3.815	3.765	34.176	6.26	27.172	27.177	31.804	36.318	40.724	45.027	96.2	.884	1.004	705.9
750	3.857	3.802	34.208	6.11	27.193	27.199	31.824	36.337	40.742	45.044	94.7	.932	1.141	756.4
800	3.472	3.416	34.185	6.11	27.213	27.218	31.854	36.377	40.792	45.104	92.5	.979	1.316	806.9
900	3.408	3.345	34.236	5.75	27.259	27.265	31.903	36.427	40.844	45.157	88.7	1.069	1.246	908.0
987	3.019	2.951	34.243	5.65	27.301	27.308	31.956	36.491	40.917	45.240	84.5	1.144	1.300	996.0

SHIP AT CRUISE 107 STATION 6608
START 42 38.20 S 52 11.15 W AT 1005 79/12/29
WIND = OM/S COR. DEPTH = 5694M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.213	17.213	34.183	5.53	24.855	24.855	29.191	33.424	37.560	41.604	310.3	0.000	0.000	-0.0
10	17.210	17.209	34.181	5.54	24.854	24.854	29.190	33.424	37.560	41.604	310.7	0.031	-0.430	10.1
20	17.161	17.158	34.192	5.48	24.874	24.875	29.211	33.446	37.583	41.627	309.1	0.062	-2.533	20.1
30	15.118	15.114	34.399	5.93	25.501	25.502	29.873	34.141	38.311	42.387	249.8	0.090	14.045	30.2
40	12.577	12.572	34.362	5.89	26.001	26.002	30.422	34.737	38.952	43.072	202.4	0.113	12.549	40.2
50	11.625	11.619	34.286	5.60	26.124	26.125	30.565	34.899	39.133	43.270	190.9	0.132	6.240	50.3
60	10.287	10.280	34.079	5.50	26.204	26.205	30.675	35.038	39.299	43.463	183.4	0.151	5.058	60.3
70	9.978	9.970	34.155	5.37	26.315	26.317	30.793	35.162	39.428	43.598	173.0	0.169	5.928	70.4
80	9.845	9.836	34.218	5.30	26.387	26.388	30.867	35.239	39.508	43.679	166.4	0.186	4.754	80.5
90	10.300	10.289	34.420	5.07	26.467	26.468	30.936	35.296	39.555	43.716	159.2	0.202	4.979	90.5
100	9.281	9.270	34.282	5.12	26.530	26.532	31.023	35.406	39.686	43.869	153.1	0.218	4.550	100.6
120	9.037	9.024	34.383	4.88	26.649	26.651	31.146	35.534	39.819	44.005	142.3	0.247	4.320	120.8
140	8.692	8.677	34.406	4.99	26.722	26.724	31.227	35.622	39.914	44.107	135.7	0.275	3.406	140.9
160	10.031	10.013	34.763	4.70	26.780	26.784	31.255	35.619	39.880	44.044	130.9	0.302	2.935	161.0
180	8.945	8.925	34.585	4.81	26.821	26.824	31.321	35.709	39.994	44.181	127.1	0.327	2.657	181.2
200	7.741	7.722	34.404	5.23	26.864	26.867	31.393	35.809	40.122	44.334	122.9	0.352	2.750	201.3
220	6.985	6.965	34.303	5.39	26.893	26.896	31.440	35.875	40.204	44.434	120.2	0.377	2.256	221.5
240	6.169	6.148	34.196	5.66	26.918	26.920	31.486	35.940	40.289	44.537	117.7	0.401	2.146	241.6
260	6.631	6.607	34.311	5.58	26.947	26.951	31.504	35.946	40.284	44.522	115.5	0.424	2.065	261.8
280	6.093	6.069	34.250	5.60	26.970	26.973	31.540	35.996	40.346	44.596	113.3	0.447	2.028	282.0
300	5.841	5.815	34.228	5.73	26.984	26.987	31.561	36.023	40.380	44.635	112.0	0.469	1.591	302.1
320	5.977	5.949	34.274	5.73	27.003	27.007	31.577	36.035	40.388	44.641	110.6	0.492	1.698	322.3
340	5.656	5.627	34.245	5.74	27.021	27.024	31.602	36.069	40.430	44.689	109.0	0.514	1.781	342.5
360	5.454	5.425	34.234	5.84	27.036	27.040	31.623	36.095	40.460	44.724	107.6	0.535	1.633	362.6
380	5.326	5.295	34.233	5.91	27.051	27.054	31.641	36.116	40.484	44.751	106.4	0.557	1.583	382.8
400	5.233	5.201	34.231	5.90	27.061	27.064	31.653	36.131	40.502	44.771	105.6	0.578	1.316	403.0
450	5.074	5.038	34.252	5.83	27.096	27.100	31.693	36.174	40.548	44.822	102.7	0.630	1.522	453.4
500	4.769	4.730	34.233	5.89	27.115	27.120	31.721	36.210	40.592	44.872	101.0	0.681	1.222	503.9
550	4.516	4.474	34.224	6.05	27.136	27.141	31.749	36.244	40.633	44.919	99.2	0.731	1.241	554.4
600	4.098	4.054	34.181	6.26	27.147	27.151	31.770	36.277	40.676	44.972	98.1	0.780	1.039	604.9
650	3.961	3.914	34.181	6.31	27.161	27.166	31.789	36.299	40.702	45.002	97.0	0.829	1.032	655.4
700	3.833	3.782	34.178	6.32	27.172	27.177	31.803	36.317	40.723	45.025	96.2	0.877	0.902	705.9
750	3.791	3.737	34.193	6.18	27.188	27.193	31.821	36.335	40.742	45.046	95.0	0.925	1.041	756.4
800	3.525	3.468	34.194	6.10	27.215	27.220	31.855	36.376	40.790	45.100	92.4	0.972	1.425	806.9
900	3.283	3.220	34.167	5.88	27.216	27.222	31.864	36.392	40.812	45.129	92.5	1.064	-0.612	908.0
988	3.053	2.986	34.245	5.67	27.300	27.306	31.954	36.488	40.913	45.235	84.7	1.141	1.108	997.0

SHIP AT CRUISE 107 STATION 6609
START 42 37.10 S 52 8.75 W AT 1130 79/12/29
WIND = OM/S COR. DEPTH = 5709M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.250	17.250	34.180	5.59	24.844	24.844	29.179	33.412	37.548	41.590	311.4	0.000	0.000	-0.0
10	17.185	17.184	34.175	5.58	24.855	24.856	29.192	33.426	37.563	41.606	310.6	0.031	1.904	10.1
20	17.097	17.094	34.179	5.68	24.879	24.880	29.217	33.453	37.591	41.637	308.7	0.062	2.772	20.1
30	14.767	14.762	34.282	6.04	25.487	25.488	29.867	34.142	38.318	42.400	251.1	0.090	13.834	30.2
40	12.473	12.468	34.300	5.71	25.973	25.974	30.397	34.715	38.932	43.054	205.0	0.113	12.373	40.2
50	10.654	10.648	34.066	5.94	26.129	26.130	30.592	34.948	39.201	43.359	190.3	0.133	7.033	50.3
60	10.895	10.888	34.262	5.63	26.239	26.240	30.696	35.045	39.293	43.443	180.2	0.151	5.857	60.3
70	10.000	9.992	34.217	5.46	26.360	26.361	30.837	35.205	39.471	43.639	168.8	0.169	6.204	70.4
80	9.848	9.839	34.279	5.32	26.434	26.436	30.914	35.285	39.553	43.724	162.0	0.185	4.834	80.5
90	9.579	9.569	34.289	5.19	26.487	26.489	30.973	35.349	39.623	43.799	157.1	0.201	4.092	90.5
100	9.897	9.886	34.428	5.05	26.542	26.544	31.021	35.389	39.656	43.825	152.1	0.217	4.161	100.6
120	8.775	8.763	34.299	4.98	26.625	26.627	31.129	35.523	39.814	44.006	144.5	0.246	3.656	120.8
140	8.527	8.512	34.334	5.00	26.691	26.693	31.201	35.600	39.896	44.093	138.6	0.275	3.235	140.9
160	9.534	9.516	34.650	4.77	26.776	26.779	31.262	35.637	39.910	44.084	131.2	0.301	3.593	161.0
180	8.688	8.669	34.547	4.88	26.833	26.836	31.338	35.733	40.023	44.216	125.9	0.327	3.066	181.2
200	7.670	7.650	34.392	5.16	26.865	26.868	31.395	35.814	40.127	44.342	122.8	0.352	2.407	201.3
220	7.167	7.146	34.326	5.36	26.886	26.889	31.429	35.859	40.185	44.410	120.9	0.376	1.917	221.5
240	6.183	6.162	34.196	5.63	26.915	26.918	31.483	35.937	40.286	44.534	118.0	0.400	2.341	241.6
260	6.717	6.694	34.321	5.52	26.943	26.946	31.497	35.938	40.274	44.509	115.9	0.424	1.976	261.8
280	6.354	6.329	34.281	5.54	26.960	26.963	31.523	35.973	40.318	44.561	114.4	0.447	1.744	282.0
300	6.225	6.199	34.290	5.60	26.984	26.987	31.551	36.003	40.350	44.597	112.3	0.469	1.975	302.1
320	5.960	5.932	34.272	5.65	27.004	27.007	31.577	36.037	40.390	44.643	110.5	0.492	1.862	322.3
340	5.796	5.767	34.270	5.68	27.023	27.027	31.601	36.064	40.421	44.677	108.9	0.514	1.798	342.5
360	5.358	5.328	34.207	5.88	27.026	27.030	31.615	36.090	40.458	44.725	108.4	0.535	1.061	362.6
380	5.256	5.225	34.211	6.01	27.042	27.045	31.634	36.110	40.481	44.750	107.1	0.557	1.604	382.8
400	5.310	5.277	34.246	5.85	27.063	27.067	31.654	36.129	40.498	44.765	105.4	0.578	1.816	403.0
450	5.062	5.026	34.247	5.75	27.093	27.097	31.690	36.172	40.547	44.820	102.9	0.630	1.436	453.4
500	4.734	4.695	34.232	5.87	27.118	27.123	31.724	36.214	40.598	44.878	100.7	0.681	1.360	503.9
550	4.489	4.447	34.218	6.08	27.134	27.139	31.747	36.243	40.633	44.919	99.4	0.731	1.109	554.4
600	4.096	4.052	34.174	6.35	27.142	27.146	31.765	36.272	40.671	44.968	98.6	0.781	0.930	604.9
650	3.980	3.933	34.181	6.31	27.159	27.164	31.786	36.296	40.698	44.997	97.2	0.830	1.103	655.4
700	3.799	3.749	34.173	6.36	27.171	27.176	31.804	36.318	40.725	45.029	96.2	0.878	0.999	705.9
750	3.769	3.715	34.193	6.19	27.190	27.195	31.823	36.338	40.746	45.050	94.8	0.926	1.094	756.4
800	3.641	3.583	34.216	6.04	27.221	27.226	31.858	36.376	40.787	45.094	92.1	0.973	1.455	806.9
900	3.402	3.339	34.244	5.72	27.267	27.273	31.910	36.435	40.852	45.164	88.0	1.062	1.213	908.0
988	3.171	3.103	34.263	5.58	27.303	27.310	31.954	36.485	40.907	45.225	84.7	1.138	1.263	997.0

SHIP AT CRUISE 107 STATION 6610
START 42 37.09 S 52 6.55 W AT 1258 79/12/29
WIND = SM/S COR. DEPTH = 5701M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.397	17.397	34.186	5.45	24.813	24.813	29.146	33.376	37.510	41.550	314.3	0.000	0.000	-0
10	17.259	17.257	34.180	5.54	24.842	24.842	29.177	33.410	37.545	41.588	311.9	0.031	2.989	10.1
20	17.083	17.080	34.172	5.57	24.878	24.878	29.216	33.452	37.591	41.636	308.8	0.062	3.381	20.1
30	14.833	14.829	34.141	6.07	25.364	25.365	29.744	34.019	38.195	42.276	262.7	0.091	12.382	30.2
40	12.185	12.180	34.130	6.37	25.897	25.898	30.328	34.652	38.876	43.004	212.3	0.115	12.954	40.2
50	11.274	11.268	34.201	6.12	26.123	26.124	30.572	34.914	39.155	43.299	191.0	0.135	8.437	50.3
60	10.601	10.593	34.293	5.79	26.315	26.317	30.779	35.134	39.387	43.543	172.9	0.153	7.789	60.3
70	10.492	10.484	34.368	5.56	26.393	26.394	30.858	35.214	39.469	43.627	165.8	0.170	4.926	70.4
80	10.552	10.543	34.492	5.37	26.478	26.480	30.941	35.296	39.549	43.705	157.9	0.186	5.192	80.5
90	10.220	10.209	34.467	5.20	26.517	26.519	30.988	35.350	39.610	43.772	154.3	0.202	3.536	90.5
100	10.047	10.036	34.492	5.11	26.567	26.569	31.041	35.407	39.670	43.835	149.9	0.217	3.947	100.6
120	9.365	9.352	34.424	4.94	26.628	26.630	31.118	35.498	39.775	43.955	144.4	0.246	3.135	120.8
140	9.176	9.161	34.507	4.94	26.723	26.726	31.218	35.601	39.882	44.065	135.7	0.274	3.890	140.9
160	9.360	9.342	34.629	4.90	26.788	26.791	31.278	35.657	39.933	44.111	130.0	0.301	3.184	161.0
180	8.434	8.415	34.488	5.07	26.826	26.829	31.338	35.738	40.035	44.233	126.5	0.327	2.553	181.2
200	7.746	7.726	34.398	5.26	26.859	26.862	31.388	35.804	40.116	44.329	123.4	0.352	2.385	201.3
220	6.695	6.675	34.267	5.52	26.904	26.907	31.458	35.900	40.236	44.472	119.0	0.376	2.798	221.5
240	6.146	6.125	34.200	5.71	26.924	26.926	31.492	35.947	40.297	44.545	117.2	0.399	1.894	241.6
260	6.113	6.091	34.218	5.73	26.942	26.945	31.512	35.967	40.318	44.567	115.7	0.423	1.722	261.8
280	6.236	6.211	34.269	5.75	26.967	26.970	31.533	35.985	40.332	44.579	113.7	0.446	1.931	282.0
300	6.097	6.071	34.280	5.62	26.993	26.996	31.562	36.018	40.369	44.618	111.4	0.468	2.063	302.1
320	5.762	5.735	34.240	5.68	27.003	27.007	31.582	36.046	40.405	44.662	110.4	0.490	1.448	322.3
340	5.513	5.484	34.217	5.89	27.016	27.019	31.601	36.072	40.436	44.699	109.3	0.512	1.530	342.5
360	5.383	5.354	34.220	5.98	27.034	27.037	31.623	36.096	40.463	44.729	107.7	0.534	1.733	362.6
380	5.708	5.676	34.295	5.70	27.054	27.058	31.634	36.099	40.458	44.716	106.4	0.555	1.624	382.8
400	5.482	5.449	34.283	5.63	27.072	27.076	31.658	36.129	40.494	44.757	104.7	0.577	1.800	403.0
450	4.990	4.954	34.244	5.72	27.099	27.103	31.698	36.181	40.558	44.833	102.3	0.628	1.424	453.5
500	4.396	4.358	34.173	6.28	27.109	27.113	31.724	36.223	40.615	44.904	101.2	0.679	1.050	503.9
550	4.267	4.226	34.168	6.46	27.119	27.123	31.738	36.240	40.635	44.927	100.5	0.730	0.875	554.4
600	4.152	4.108	34.174	6.48	27.136	27.140	31.758	36.263	40.661	44.956	99.3	0.780	1.090	604.9
650	4.036	3.988	34.179	6.44	27.152	27.157	31.778	36.286	40.687	44.985	98.0	0.829	1.078	655.4
700	3.810	3.760	34.169	6.44	27.166	27.172	31.798	36.313	40.720	45.023	96.7	0.878	1.085	705.9
750	3.767	3.713	34.190	6.26	27.188	27.193	31.821	36.337	40.744	45.048	95.0	0.925	1.185	756.4
800	3.686	3.628	34.211	6.14	27.213	27.219	31.849	36.366	40.776	45.082	92.9	0.972	1.298	806.9
900	3.288	3.225	34.213	5.97	27.253	27.259	31.900	36.428	40.848	45.164	89.1	1.063	1.248	908.0
990	3.065	2.997	34.245	5.73	27.299	27.305	31.952	36.486	40.911	45.233	84.9	1.142	1.412	999.0

SHIP AT CRUISE 107 STATION 6611
START 42 37.30 S 52 4.70 W AT 1437 79/12/29
WIND = BM/S COR. DEPTH = 5701M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.501	17.501	34.191	5.41	24.792	24.792	29.123	33.351	37.483	41.522	316.3	0.000	0.000	-0
10	17.295	17.293	34.189	5.51	24.840	24.841	29.175	33.407	37.542	41.584	312.0	0.031	3.895	10.1
20	17.117	17.113	34.178	5.61	24.874	24.875	29.212	33.448	37.585	41.630	309.1	0.062	3.279	20.1
30	12.713	12.709	33.986	6.56	25.683	25.684	30.104	34.419	38.634	42.753	232.4	0.090	15.956	30.2
40	10.716	10.712	33.996	6.88	26.064	26.064	30.526	34.881	39.134	43.290	196.3	0.111	10.957	40.2
50	10.685	10.679	34.106	6.37	26.155	26.156	30.618	34.972	39.225	43.381	187.9	0.130	9.366	50.3
60	10.407	10.400	34.263	5.78	26.326	26.327	30.793	35.152	39.410	43.570	171.9	0.148	7.322	60.4
70	10.439	10.431	34.337	5.47	26.378	26.379	30.844	35.202	39.459	43.618	167.2	0.165	4.048	70.4
80	10.818	10.808	34.513	5.22	26.448	26.450	30.903	35.254	39.502	43.653	160.8	0.182	4.683	80.5
90	10.569	10.558	34.501	5.09	26.483	26.485	30.946	35.300	39.553	43.709	157.7	0.197	3.335	90.5
100	9.943	9.932	34.445	5.08	26.548	26.549	31.025	35.393	39.658	43.826	151.7	0.213	4.549	100.6
120	9.504	9.491	34.445	5.03	26.621	26.623	31.108	35.485	39.760	43.937	145.0	0.243	3.429	120.8
140	9.397	9.381	34.520	4.84	26.698	26.700	31.187	35.566	39.842	44.020	138.1	0.271	3.476	140.9
160	9.604	9.586	34.655	4.76	26.768	26.771	31.252	35.626	39.897	44.070	131.9	0.298	3.316	161.1
180	9.141	9.121	34.589	4.92	26.793	26.796	31.288	35.672	39.953	44.137	129.9	0.324	2.046	181.2
200	7.795	7.775	34.404	5.24	26.856	26.859	31.384	35.799	40.110	44.322	123.7	0.349	3.295	201.3
220	7.045	7.025	34.307	5.37	26.887	26.890	31.433	35.866	40.195	44.423	120.8	0.374	2.336	221.5
240	6.142	6.121	34.191	5.70	26.917	26.919	31.485	35.941	40.290	44.539	117.8	0.398	2.322	241.6
260	6.103	6.081	34.215	5.72	26.941	26.944	31.510	35.966	40.317	44.567	115.8	0.421	1.957	261.8
280	5.999	5.975	34.224	5.82	26.961	26.964	31.533	35.992	40.345	44.596	114.1	0.444	1.812	282.0
300	6.430	6.403	34.326	5.51	26.986	26.989	31.547	35.995	40.337	44.579	112.3	0.467	1.862	302.1
320	5.751	5.724	34.242	5.75	27.007	27.010	31.585	36.030	40.408	44.666	110.1	0.489	2.026	322.3
340	5.690	5.662	34.259	5.82	27.027	27.031	31.608	36.074	40.434	44.692	108.4	0.511	1.833	342.5
360	5.892	5.861	34.326	5.75	27.055	27.059	31.630	36.091	40.445	44.699	106.2	0.532	2.014	362.6
380	5.726	5.694	34.312	5.38	27.064	27.068	31.644	36.109	40.468	44.725	105.4	0.553	1.325	382.8
400	5.337	5.304	34.268	5.63	27.077	27.081	31.667	36.142	40.510	44.777	104.1	0.574	1.622	403.0
450	4.521	4.487	34.177	6.18	27.098	27.102	31.710	36.205	40.594	44.880	101.8	0.626	1.371	453.5
500	4.378	4.340	34.168	6.40	27.107	27.111	31.723	36.222	40.615	44.904	101.3	0.677	835	503.9
550	4.303	4.262	34.171	6.44	27.117	27.122	31.735	36.237	40.631	44.922	100.7	0.727	851	554.4
600	4.176	4.131	34.176	6.46	27.134	27.139	31.756	36.261	40.658	44.953	99.4	0.777	1.101	604.9
650	4.025	3.978	34.176	6.42	27.150	27.155	31.776	36.285	40.686	44.985	98.1	0.827	1.087	655.4
700	3.926	3.775	34.171	6.52	27.166	27.172	31.798	36.312	40.718	45.021	96.7	0.875	1.115	705.9
750	3.678	3.624	34.172	6.38	27.182	27.187	31.818	36.336	40.746	45.053	95.4	0.923	1.085	756.4
800	3.697	3.640	34.205	6.20	27.206	27.212	31.842	36.359	40.769	45.074	93.5	0.971	1.228	806.9
900	3.284	3.222	34.216	5.96	27.255	27.261	31.902	36.430	40.850	45.166	88.9	1.062	1.499	908.0
990	3.036	2.968	34.251	5.70	27.306	27.312	31.960	36.495	40.920	45.243	84.1	1.140	1.349	999.0

SHIP AT CRUISE 107 STATION 67
START 42 35.41 S 51 59.04 W AT 1530 79/12/29
WIND = 8M/S CDR. DEPTH = 5699M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	17.614	17.614	34.188	4.83	24.763	24.763	29.091	33.318	37.448	41.485	319.1	0.000	0.000	-0
10	17.266	17.265	34.176	5.48	24.837	24.837	29.172	33.405	37.540	41.583	312.4	0.032	4.835	10.1
20	17.061	17.058	34.171	5.66	24.882	24.882	29.221	33.457	37.596	41.642	308.4	0.063	3.761	20.1
30	13.734	13.729	34.021	6.41	25.505	25.506	29.906	34.201	38.397	42.499	249.3	0.091	14.009	30.2
40	11.831	11.826	34.141	7.00	25.973	25.974	30.411	34.742	38.972	43.107	205.1	0.113	12.137	40.2
50	11.143	11.137	34.248	6.36	26.183	26.184	30.635	34.980	39.222	43.369	185.2	0.133	8.148	50.3
60	10.598	10.590	34.268	6.04	26.297	26.298	30.760	35.115	39.369	43.525	174.7	0.151	5.985	60.3
70	10.497	10.489	34.363	5.82	26.388	26.389	30.853	35.209	39.464	43.622	166.3	0.168	5.345	70.4
80	10.589	10.580	34.465	5.56	26.451	26.453	30.914	35.268	39.520	43.676	160.5	0.184	4.461	80.5
90	10.126	10.116	34.406	5.44	26.486	26.487	30.959	35.323	39.585	43.750	157.3	0.200	3.346	90.5
100	9.736	9.724	34.383	5.36	26.535	26.537	31.017	35.389	39.659	43.832	152.8	0.216	3.954	100.6
120	9.047	9.035	34.392	5.22	26.654	26.657	31.152	35.539	39.824	44.010	141.7	0.245	4.367	120.8
140	8.852	8.838	34.422	5.19	26.709	26.711	31.211	35.602	39.891	44.080	136.9	0.273	3.940	140.9
160	9.308	9.290	34.610	5.09	26.782	26.785	31.273	35.653	39.931	44.111	130.5	0.300	3.362	161.0
180	8.239	8.221	34.446	5.35	26.823	26.825	31.339	35.744	40.045	44.247	126.7	0.325	2.648	181.2
200	7.654	7.635	34.390	5.47	26.866	26.869	31.397	35.815	40.129	44.344	122.7	0.350	2.688	201.3
220	7.025	7.004	34.302	5.62	26.887	26.889	31.433	35.867	40.195	44.424	120.8	0.375	1.929	221.5
240	6.172	6.151	34.189	5.87	26.912	26.914	31.480	35.934	40.283	44.531	118.3	0.399	2.164	241.6
260	6.139	6.117	34.213	5.89	26.935	26.938	31.504	35.959	40.308	44.557	116.4	0.422	1.922	261.8
280	6.122	6.098	34.256	5.92	26.970	26.974	31.540	35.995	40.345	44.594	113.3	0.445	2.373	282.0
300	6.242	6.215	34.303	5.68	26.992	26.995	31.558	36.010	40.357	44.603	111.6	0.467	1.811	302.1
320	5.607	5.580	34.232	5.88	27.016	27.019	31.599	36.066	40.429	44.689	109.1	0.490	2.129	322.3
340	5.781	5.752	34.286	5.74	27.037	27.041	31.615	36.079	40.436	44.693	107.5	0.511	1.768	342.5
360	5.823	5.792	34.321	5.58	27.060	27.064	31.637	36.099	40.456	44.711	105.7	0.532	1.879	362.6
380	5.622	5.590	34.303	5.52	27.071	27.074	31.653	36.120	40.481	44.741	104.7	0.554	1.405	382.8
400	5.317	5.285	34.268	5.66	27.080	27.083	31.670	36.145	40.514	44.781	103.9	0.574	1.380	402.0
450	4.484	4.450	34.168	6.19	27.095	27.099	31.708	36.205	40.594	44.881	102.1	0.626	1.257	453.5
500	4.389	4.352	34.167	6.36	27.105	27.109	31.720	36.219	40.611	44.901	101.5	0.677	831	503.9
550	4.309	4.268	34.170	6.36	27.116	27.120	31.734	36.235	40.629	44.920	100.9	0.727	885	554.4
600	4.172	4.127	34.172	6.37	27.132	27.136	31.754	36.258	40.656	44.950	99.7	0.778	1.067	604.9
650	4.054	4.006	34.177	6.30	27.148	27.153	31.774	36.281	40.682	44.979	98.4	0.827	1.085	655.4
700	3.858	3.807	34.182	6.29	27.172	27.177	31.803	36.316	40.721	45.023	96.2	0.876	1.313	705.9
750	3.691	3.637	34.171	6.20	27.180	27.186	31.816	36.333	40.743	45.049	95.6	0.924	859	756.4
800	3.680	3.622	34.203	5.94	27.207	27.212	31.843	36.361	40.770	45.077	93.5	0.971	1.299	806.9
900	3.273	3.210	34.223	5.57	27.262	27.268	31.909	36.438	40.858	45.174	88.2	1.062	1.571	908.0
1000	3.029	2.960	34.253	5.26	27.309	27.315	31.963	36.497	40.924	45.246	83.9	1.148	1.319	1009.2
1001	3.033	2.965	34.257	5.26	27.311	27.317	31.965	36.500	40.926	45.248	83.7	1.150	2.135	1011.0

DE	TE	PT	SA	OX	SIL	PO4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	17.747	17.747	34.177	5.78	1.9	0.22	0.20	0.00	24.722	24.722	33.273	41.437	1.	
19	16.988	16.985	34.169	5.79	1.6	0.21	0.10	0.00	24.898	24.898	33.475	41.663	20.	
46	10.980	10.974	34.092	6.13	2.3	0.63	6.50	0.18	26.091	26.092	34.896	43.294	47.	B1
71	9.845	9.837	34.219	5.38	3.8	1.05	13.40	0.03	26.388	26.389	35.240	43.680	73.	
95	9.794	9.784	34.409	5.29	3.5	1.14	15.10	0.25	26.545	26.546	35.396	43.836	96.	B1
119	9.116	9.103	34.398	5.21	3.7	1.29	16.80	0.02	26.648	26.650	35.530	43.997	121.	
145	9.090	9.074	34.511	5.28	4.6	1.28	17.00	0.02	26.740	26.743	35.622	44.089	146.	
167	9.313	9.294	34.612	5.21	5.6	1.26	17.20	0.01	26.783	26.786	35.654	44.111	169.	
194	7.855	7.836	34.409	5.67	6.1	1.40	19.10	0.00	26.852	26.854	35.791	44.311	197.	
217	6.678	6.659	34.262	6.00	6.4	1.52	20.60	0.00	26.902	26.905	35.899	44.473	219.	B1
243	6.188	6.167	34.199	6.17	7.0	1.56	21.40	0.01	26.917	26.920	35.939	44.535	245.	
265	6.546	6.522	34.311	5.84	8.2	1.57	21.80	0.00	26.959	26.962	35.962	44.541	268.	
292	6.380	6.354	34.324	5.71	9.4	1.60	22.40	0.01	26.991	26.994	36.002	44.588	295.	
384	5.605	5.572	34.296	5.76	12.4	1.72	24.50	0.00	27.067	27.071	36.118	44.740	388.	
442	4.587	4.553	34.185	6.43	11.5	1.69	23.90	0.00	27.098	27.101	36.201	44.873	446.	
492	4.389	4.352	34.168	6.56	12.1	1.69	24.10	0.00	27.106	27.110	36.220	44.901	497.	
541	4.313	4.272	34.177	6.46	13.1	1.73	24.60	0.00	27.121	27.125	36.240	44.925	547.	
591	4.173	4.129	34.173	6.42	14.0	1.75	24.90	0.00	27.133	27.137	36.259	44.951	597.	
640	4.046	3.999	34.179	6.33	15.8	1.81	25.70	0.00	27.151	27.156	36.284	44.982	647.	
691	3.923	3.873	34.191	6.12	18.0	1.86	26.50	0.00	27.173	27.178	36.313	45.017	698.	
739	3.765	3.712	34.182	6.18	18.6	1.88	27.10	0.00	27.182	27.187	36.331	45.043	747.	
790	3.733	3.676	34.208	5.92	21.7	1.95	28.00	0.00	27.205	27.211	36.356	45.070	798.	
884	3.324	3.262	34.224	5.64	28.2	2.07	30.00	0.00	27.258	27.264	36.431	45.164	893.	
972	3.066	2.999	34.240	5.46	34.2	2.14	30.90	0.00	27.295	27.301	36.482	45.228	983.	B8

SHIP AT CRUISE 107 STATION 68
START 42 18.69 S 51 46.81 W AT 1749 79/12/29
WIND = 7M/S COR. DEPTH = 5646M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	19.468	19.468	34.458	5.84	24.503	24.503	28.802	32.998	37.098	41.106	343.6	0.000	0.000	- .0
10	19.757	19.755	35.228	5.81	25.017	25.017	29.305	33.492	37.583	41.582	295.3	0.032	12.639	10.1
20	20.081	20.077	36.129	5.62	25.617	25.618	29.895	34.071	38.153	42.143	238.5	0.059	13.739	20.1
30	19.760	19.755	36.141	5.64	25.712	25.713	29.995	34.176	38.262	42.256	229.9	0.082	5.462	30.2
40	19.238	19.231	36.060	5.77	25.786	25.788	30.078	34.268	38.362	42.364	223.2	0.105	4.850	40.2
50	17.705	17.696	35.731	5.57	25.921	25.923	30.240	34.456	38.576	42.602	210.7	0.126	6.540	50.3
60	16.610	16.600	35.525	5.35	26.025	26.028	30.365	34.600	38.738	42.783	201.0	0.147	5.764	60.4
70	16.515	16.503	35.617	5.05	26.119	26.122	30.460	34.696	38.835	42.881	192.4	0.167	5.429	70.4
80	16.744	16.731	35.847	4.90	26.241	26.244	30.577	34.808	38.942	42.983	181.2	0.185	6.190	80.5
90	16.293	16.279	35.803	4.91	26.313	26.317	30.658	34.897	39.038	43.087	174.6	0.203	4.789	90.5
100	16.190	16.174	35.847	4.91	26.371	26.375	30.718	34.958	39.101	43.151	169.4	0.220	4.285	100.6
120	15.801	15.782	35.796	5.00	26.421	26.426	30.776	35.023	39.172	43.229	165.3	0.254	2.839	120.8
140	15.404	15.382	35.737	5.08	26.466	26.471	30.829	35.083	39.240	43.303	161.5	0.286	2.700	140.9
160	14.797	14.772	35.623	5.00	26.513	26.519	30.888	35.154	39.322	43.396	157.6	0.318	2.777	161.0
180	11.658	11.635	34.851	5.11	26.557	26.561	30.997	35.327	39.557	43.689	153.1	0.349	2.895	181.2
200	7.921	7.901	34.094	5.12	26.595	26.598	31.121	35.536	39.847	44.058	148.5	0.380	2.897	201.3
220	10.387	10.361	34.725	4.64	26.689	26.694	31.157	35.515	39.769	43.927	141.0	0.409	3.617	221.5
240	9.216	9.189	34.521	4.80	26.728	26.732	31.223	35.606	39.886	44.069	137.2	0.436	2.642	241.6
260	9.303	9.274	34.596	5.13	26.772	26.777	31.266	35.646	39.924	44.104	133.5	0.463	2.636	261.8
280	7.632	7.604	34.323	5.66	26.817	26.821	31.350	35.770	40.085	44.301	128.7	0.490	2.933	281.9
300	8.968	8.935	34.663	5.20	26.878	26.884	31.379	35.767	40.051	44.238	124.1	0.515	2.880	302.1
320	8.410	8.376	34.579	5.29	26.901	26.906	31.415	35.816	40.113	44.311	121.9	0.540	2.051	322.3
340	8.002	7.967	34.554	5.02	26.944	26.949	31.467	35.877	40.183	44.390	118.0	0.564	2.669	342.4
360	7.360	7.325	34.470	5.13	26.971	26.976	31.511	35.936	40.256	44.477	115.3	0.587	2.279	362.6
380	6.769	6.734	34.407	5.27	27.004	27.009	31.558	35.998	40.332	44.565	112.0	0.610	2.446	382.8
400	6.127	6.092	34.320	5.42	27.020	27.025	31.591	36.046	40.395	44.644	110.2	0.632	1.874	402.9
450	5.047	5.011	34.189	6.21	27.049	27.053	31.647	36.129	40.505	44.779	107.1	0.686	1.582	453.4
500	4.680	4.642	34.169	6.49	27.074	27.079	31.682	36.174	40.559	44.842	104.8	0.739	1.382	503.9
550	4.651	4.608	34.185	6.46	27.091	27.095	31.700	36.192	40.578	44.861	103.7	0.791	1.030	554.3
600	4.648	4.601	34.210	6.27	27.111	27.116	31.720	36.213	40.599	44.882	102.3	0.843	1.140	604.8
650	4.176	4.128	34.170	6.57	27.130	27.135	31.752	36.257	40.654	44.949	100.3	0.893	1.299	655.3
700	4.345	4.292	34.214	6.16	27.147	27.153	31.765	36.266	40.659	44.949	99.4	0.943	0.960	705.8
750	4.324	4.266	34.240	5.97	27.170	27.176	31.789	36.290	40.684	44.974	97.7	0.993	1.215	756.3
800	4.085	4.025	34.228	5.79	27.186	27.192	31.812	36.319	40.718	45.015	96.2	1.041	1.146	806.9
900	3.506	3.441	34.216	5.80	27.234	27.240	31.876	36.398	40.812	45.123	91.3	1.135	1.413	908.0
986	3.216	3.147	34.227	5.44	27.270	27.277	31.920	36.450	40.871	45.189	87.8	1.212	1.159	995.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	19.502	19.502	34.482	5.38	3.1	0.20	0.20	0.00	24.515	24.515	33.006	41.113	0.	
20	19.791	19.787	36.085	5.39	2.9	0.19	0.10	0.00	25.660	25.661	34.124	42.204	20.	
45	18.509	18.501	35.996	5.24	1.6	0.12	0.10	0.01	25.923	25.925	34.429	42.548	46.	
68	17.569	17.557	36.011	4.96	2.1	0.24	1.10	0.05	26.168	26.171	34.705	42.853	69.	
95	16.588	16.572	35.881	4.91	1.9	0.27	2.00	0.00	26.304	26.308	34.877	43.056	96.	
117	16.105	16.086	35.811	4.88	2.1	0.36	3.30	0.00	26.363	26.367	34.954	43.150	118.	
142	15.545	15.523	35.720	4.93	2.2	0.38	3.70	0.00	26.421	26.426	35.034	43.249	144.	
165	14.772	14.747	35.574	4.96	2.3	0.45	4.70	0.00	26.481	26.486	35.123	43.366	167.	
197	13.521	13.492	35.323	4.88	2.6	0.55	6.10	0.00	26.554	26.559	35.246	43.535	199.	
245	10.559	10.529	34.755	4.88	3.4	0.75	8.90	0.00	26.682	26.687	35.501	43.906	247.	B1
268	8.416	8.388	34.372	4.82	4.4	1.17	15.20	0.30	26.738	26.742	35.654	44.152	270.	
296	7.735	7.705	34.367	5.71	5.3	1.41	19.10	0.02	26.836	26.841	35.784	44.310	299.	
344	8.226	8.190	34.589	5.69	5.3	1.38	18.50	0.02	26.937	26.942	35.860	44.363	348.	
391	6.422	6.387	34.358	5.03	8.9	1.46	20.80	0.00	27.012	27.017	36.022	44.607	395.	
442	5.623	5.586	34.285	5.52	10.0	1.59	22.50	0.00	27.056	27.061	36.107	44.729	447.	
490	4.723			5.85	11.2	1.66	23.40	0.00					495.	
541	4.638	4.596	34.171	6.47	9.5	1.65	23.30	0.01	27.081	27.086	36.183	44.853	546.	
588	4.442	4.397	34.177	6.43	10.4	1.66	23.70	0.00	27.107	27.112	36.220	44.899	594.	
636	4.416	4.368	34.184	6.45	11.4	1.69	24.20	0.00	27.115	27.121	36.230	44.910	642.	
689	4.336	4.283	34.194	6.25	12.9	1.73	24.70	0.00	27.132	27.138	36.251	44.935	696.	B1
739	4.328	4.271	34.214	6.03	15.0	1.85	26.20	0.00	27.149	27.155	36.269	44.953	747.	
788	4.169	4.109	34.236	5.86	19.4	1.93	27.90	0.00	27.183	27.189	36.311	45.003	796.	
883	3.428	3.365	34.238	5.73	19.4	1.93	27.80	0.00	27.259	27.265	36.426	45.155	892.	B1
983	3.217	3.148	34.227	5.84	23.0	1.96	28.30	0.00	27.270	27.277	36.450	45.189	994.	

SHIP AT CRUISE 107 STATION 69
START 41 56.10 S 51 24.49 W AT 2057 79/12/29
WIND = 999M/S COR. DEPTH = 5646M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	18.060	18.060	34.314	5.05	24.750	24.750	29.071	33.289	37.412	41.441	320.3	0.000	0.000	-0
10	18.064	18.062	34.297	5.64	24.736	24.737	29.057	33.276	37.398	41.428	322.0	0.032	-2.057	10.1
20	18.557	18.553	35.141	5.31	25.258	25.259	29.566	33.772	37.881	41.899	272.7	0.062	12.806	20.1
30	15.829	15.824	34.814	5.59	25.661	25.662	30.018	34.271	38.426	42.487	234.6	0.087	11.270	30.2
40	14.109	14.104	34.547	5.61	25.832	25.833	30.222	34.507	38.693	42.785	218.6	0.110	7.346	40.2
50	13.089	13.082	34.406	5.38	25.933	25.935	30.344	34.650	38.855	42.965	209.1	0.131	5.678	50.3
60	10.257	10.250	33.941	5.65	26.101	26.102	30.574	34.939	39.201	43.366	193.2	0.151	7.323	60.3
70	9.785	9.777	33.966	5.38	26.201	26.202	30.684	35.059	39.331	43.505	183.9	0.170	5.614	70.4
80	11.195	11.185	34.405	4.88	26.296	26.298	30.746	35.088	39.330	43.474	175.3	0.188	5.411	80.5
90	10.165	10.154	34.343	4.92	26.430	26.432	30.902	35.266	39.528	43.693	162.6	0.205	6.523	90.5
100	10.306	10.294	34.408	4.60	26.457	26.459	30.926	35.286	39.545	43.706	160.3	0.221	2.893	100.6
120	8.528	8.516	34.159	4.39	26.554	26.556	31.065	35.465	39.762	43.960	151.1	0.252	3.996	120.7
140	11.146	11.128	34.854	4.02	26.653	26.656	31.103	35.443	39.682	43.825	142.8	0.282	3.805	140.9
160	12.130	12.109	35.148	4.16	26.697	26.701	31.125	35.444	39.662	43.785	139.5	0.310	2.541	161.0
180	11.791	11.768	35.121	4.37	26.740	26.745	31.176	35.502	39.727	43.856	135.7	0.338	2.661	181.2
200	10.554	10.530	34.897	4.56	26.794	26.798	31.257	35.609	39.859	44.013	130.8	0.364	3.019	201.3
220	9.638	9.613	34.757	4.41	26.842	26.847	31.327	35.699	39.968	44.141	126.2	0.390	2.889	221.5
240	9.113	9.086	34.689	4.34	26.876	26.880	31.372	35.756	40.037	44.220	123.2	0.415	2.382	241.6
260	8.402	8.374	34.586	4.41	26.907	26.912	31.420	35.821	40.118	44.316	120.2	0.439	2.366	261.8
280	7.499	7.471	34.448	4.59	26.934	26.938	31.470	35.891	40.209	44.427	117.5	0.463	2.270	281.9
300	6.767	6.740	34.333	4.87	26.946	26.950	31.499	35.939	40.274	44.508	116.3	0.486	1.622	302.1
320	6.150	6.122	34.281	5.08	26.987	26.990	31.555	36.010	40.359	44.607	112.3	0.509	2.661	322.2
340	5.905	5.876	34.291	5.25	27.026	27.029	31.601	36.061	40.416	44.669	108.7	0.531	2.542	342.4
360	5.762	5.731	34.284	5.12	27.038	27.042	31.616	36.080	40.438	44.695	107.7	0.553	1.456	362.6
380	4.825	4.796	34.158	5.59	27.050	27.053	31.653	36.141	40.522	44.801	106.0	0.574	1.812	382.7
400	4.716	4.685	34.152	5.74	27.057	27.060	31.663	36.154	40.538	44.820	105.4	0.595	1.132	402.9
450	4.628	4.594	34.155	5.90	27.069	27.073	31.678	36.171	40.558	44.841	104.7	0.648	9.29	453.4
500	4.567	4.529	34.159	6.04	27.079	27.083	31.690	36.185	40.572	44.858	104.2	0.700	8.17	503.8
550	4.522	4.480	34.163	6.22	27.088	27.092	31.700	36.196	40.585	44.871	103.8	0.752	7.82	554.3
600	4.486	4.440	34.169	6.24	27.096	27.101	31.710	36.207	40.597	44.884	103.4	0.804	7.74	604.8
650	4.396	4.347	34.169	6.35	27.106	27.111	31.723	36.222	40.614	44.903	102.9	0.856	8.46	655.3
700	4.447	4.393	34.214	6.30	27.136	27.142	31.752	36.250	40.640	44.928	100.6	0.906	1.363	705.8
750	4.258	4.201	34.213	6.08	27.155	27.161	31.776	36.279	40.674	44.967	98.9	0.956	1.208	756.3
800	4.199	4.138	34.240	5.80	27.183	27.190	31.806	36.310	40.707	45.001	96.7	1.005	1.354	806.8
900	3.602	3.537	34.226	5.78	27.232	27.239	31.871	36.391	40.803	45.111	91.7	1.099	1.452	907.9
1000	3.166	3.096	34.235	5.61	27.282	27.288	31.933	36.464	40.886	45.205	86.8	1.189	1.284	1009.0
1100	2.853	2.778	34.264	5.38	27.333	27.340	31.993	36.532	40.963	45.290	81.8	1.273	1.359	1110.2
1200	2.896	2.813	34.342	5.10	27.391	27.399	32.050	36.588	41.017	45.342	77.1	1.352	1.365	1211.5
1300	2.928	2.836	34.409	4.75	27.442	27.450	32.101	36.637	41.065	45.389	73.1	1.427	1.121	1312.8
1400	2.779	2.680	34.461	4.58	27.497	27.505	32.159	36.700	41.131	45.459	68.2	1.498	1.500	1414.2
1500	2.748	2.642	34.505	4.46	27.535	27.544	32.199	36.740	41.172	45.500	65.2	1.565	1.087	1515.6
1600	2.727	2.612	34.558	4.42	27.579	27.589	32.244	36.785	41.218	45.546	61.6	1.628	1.219	1617.0
1700	2.759	2.636	34.600	4.37	27.610	27.621	32.275	36.815	41.247	45.574	59.5	1.689	9.42	1718.5
1800	2.804	2.671	34.649	4.46	27.644	27.656	32.309	36.848	41.279	45.605	57.1	1.747	9.07	1820.1
1900	2.752	2.611	34.679	4.43	27.673	27.685	32.340	36.880	41.312	45.639	54.8	1.803	9.99	1921.7
2000	2.710	2.561	34.703	4.44	27.696	27.709	32.364	36.906	41.339	45.667	53.1	1.857	9.08	2023.4
2100	2.808	2.647	34.752	4.67	27.726	27.740	32.393	36.932	41.362	45.688	51.4	1.909	9.61	2125.1
2200	2.838	2.667	34.781	4.83	27.747	27.762	32.414	36.952	41.382	45.707	50.3	1.960	8.72	2226.9
2300	2.829	2.649	34.805	5.02	27.766	27.782	32.435	36.973	41.403	45.729	49.1	2.009	7.23	2328.7
2400	2.784	2.595	34.818	5.11	27.781	27.798	32.451	36.991	41.422	45.749	48.1	2.058	8.20	2430.6
2500	2.753	2.555	34.832	5.25	27.795	27.813	32.467	37.008	41.440	45.767	47.2	2.106	6.90	2532.5
2600	2.688	2.481	34.837	5.42	27.805	27.823	32.480	37.022	41.456	45.786	46.5	2.153	6.59	2634.4
2700	2.710	2.492	34.861	5.53	27.822	27.841	32.496	37.039	41.472	45.801	45.7	2.199	7.45	2736.4
2800	2.201	1.984	34.776	5.11	27.797	27.815	32.486	37.043	41.490	45.832	45.0	2.244	8.03	2838.5
2900	2.135	1.910	34.783	5.08	27.809	27.827	32.500	37.059	41.508	45.852	44.0	2.289	7.24	2940.6
3000	1.950	1.719	34.766	4.97	27.810	27.828	32.506	37.071	41.525	45.874	43.0	2.332	7.60	3042.8
3200	1.744	1.496	34.760	4.89	27.821	27.839	32.524	37.094	41.555	45.910	41.2	2.417	6.51	3247.2
3400	1.457	1.197	34.734	4.83	27.821	27.839	32.533	37.112	41.580	45.944	39.5	2.497	7.20	3451.8
3600	1.264	0.987	34.727	4.84	27.829	27.848	32.548	37.133	41.607	45.975	37.6	2.574	7.17	3656.7
3800	1.095	0.802	34.717	4.87	27.833	27.852	32.557	37.148	41.627	46.000	36.2	2.648	6.61	3861.7
4000	0.898	0.589	34.709	4.87	27.839	27.858	32.570	37.166	41.652	46.031	34.1	2.719	6.76	4066.9
4200	0.705	0.379	34.698	5.00	27.843	27.862	32.580	37.182	41.674	46.058	32.1	2.785	6.64	4272.3
4400	0.526	0.183	34.688	5.06	27.846	27.865	32.589	37.197	41.694	46.084	30.1	2.847	5.92	4477.9
4600	0.404	0.043	34.683	5.09	27.849	27.868	32.597	37.209	41.709	46.103	28.7	2.905	4.52	4683.7
4800	0.317	-0.065	34.679	5.14	27.851	27.871	32.603	37.218	41.722	46.119	27.5	2.961	4.78	4889.7
5000	0.283	-0.121	34.676	5.15	27.850	27.872	32.605	37.222	41.727	46.126	27.2	3.016	4.20	5095.8
5200	0.263	-0.164	34.674	5.13	27.849	27.872	32.606	37.225	41.731	46.131	27.1	3.070	0.69	5302.2
5400	0.258	-0.194	34.673	5.08	27.849	27.873	32.608	37.227	41.734	46.135	27.0	3.124	3.13	5508.6
5441	0.258	-0.199	34.673	4.96	27.849	27.873	32.608	37.228	41.735	46.136	27.1	3.135	2.62	5551.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	18.364	18.364	34.474	5.56	2.3	0.18	0.10	0.00	24.797	24.797	33.325	41.465	0.	
972	3.357	3.288	34.229	5.60	27.8	2.05	29.70	0.00	27.259	27.265	36.431	45.163	983.	
3160	1.718	1.475	34.755	4.62	96.1	2.12	30.90	0.00	27.819	27.837	37.093	45.910	3209.	
3149	1.742	1.500	34.750	4.68	95.1	2.09	30.60	0.00	27.813	27.831	37.086	45.901	3198.	
3542	1.320	1.047	34.732	4.69	109.2	2.19	31.90	0.00	27.829	27.848	37.129	45.969	3601.	
3540	1.323	1.050	34.731	4.65	109.0	2.18	31.90	0.00	27.828	27.847	37.128	45.967	3599.	
3922	0.963	0.659	34.715	4.81	116.3	2.20	32.50	0.00	27.840	27.859	37.163	46.024	3991.	
3921	0.964	0.661	34.722	4.81	116.4	2.22	32.50	0.00	27.846	27.865	37.168	46.029	3990.	B1
4135	0.739	0.419	34.696	4.89	118.8	2.24	32.60	0.00	27.839	27.858	37.176	46.050	4209.	
4132	0.743	0.423	34.702	4.91	119.9	2.26	32.80	0.00	27.844	27.863	37.181	46.054	4206.	
4331	0.566	0.230	34.691	4.98	122.7	2.27	32.90	0.00	27.846	27.865	37.194	46.078	4411.	
4332	0.566	0.230	34.694	5.01	122.8	2.28	33.00	0.00	27.848	27.867	37.197	46.081	4412.	B9
4530	0.423	0.069	34.685	5.01	125.0	2.29	33.00	0.00	27.849	27.869	37.208	46.101	4615.	B9
4523	0.425	0.072	34.682	5.05	125.0	2.30	33.20	0.00	27.847	27.866	37.205	46.098	4609.	
4747	0.326	-0.051	34.679	5.05	126.6	2.33	33.20	0.00	27.850	27.870	37.216	46.116	4839.	
4749	0.325	-0.052	34.677	5.06	126.7	2.30	32.90	0.00	27.848	27.869	37.215	46.115	4841.	
4918	0.293	-0.102	34.678	5.09	127.3	2.32	33.10	0.00	27.851	27.872	37.221	46.124	5016.	
4914	0.293	-0.102	34.677	5.12	127.3	2.32	33.10	0.00	27.850	27.871	37.220	46.123	5011.	
5134	0.269	-0.152	34.670	5.13	128.0	2.32	32.90	0.00	27.846	27.868	37.220	46.126	5239.	
5134	0.267	-0.153	34.672	5.14	128.1	2.32	33.00	0.00	27.848	27.870	37.222	46.128	5238.	
5301	0.257	-0.183	34.669	5.13	128.7	2.32	32.90	0.00	27.846	27.869	37.223	46.130	5410.	B1
5303	0.260	-0.181	34.671	5.14	127.6	2.33	32.90	0.00	27.847	27.870	37.224	46.131	5412.	
5415	0.259	-0.196	34.669	5.13	128.9	2.33	33.10	0.00	27.846	27.870	37.224	46.132	5528.	
5408	0.259	-0.195	34.672	5.13	128.8	2.34	33.10	0.00	27.848	27.872	37.226	46.134	5521.	

SHIP AT CRUISE 107 STATION 70
START 42 26.37 S 45 32 W AT 131 79/12/31
WIND = 10M/S COR. DEPTH = 5119M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.652	11.652	34.462	6.23	26.255	26.255	30.694	35.026	39.258	43.393	177.2	0.000	0.000	-0
10	11.658	11.656	34.460	6.40	26.253	26.253	30.692	35.024	39.256	43.391	177.7	0.018	-0.811	10.1
20	11.210	11.208	34.468	6.84	26.342	26.342	30.790	35.131	39.371	43.515	169.5	0.035	5.292	20.1
30	10.947	10.943	34.486	6.76	26.404	26.405	30.858	35.204	39.449	43.598	163.8	0.052	4.420	30.2
40	10.710	10.705	34.499	6.71	26.456	26.457	30.915	35.266	39.516	43.669	159.1	0.068	4.058	40.3
50	9.920	9.915	34.511	6.81	26.603	26.604	31.079	35.447	39.712	43.880	145.3	0.083	6.806	50.3
60	9.194	9.188	34.507	6.85	26.720	26.721	31.212	35.596	39.876	44.058	134.3	0.097	6.095	60.4
70	9.015	9.007	34.504	6.81	26.747	26.748	31.244	35.631	39.915	44.101	132.0	0.110	2.924	70.5
80	8.866	8.858	34.506	6.70	26.772	26.774	31.272	35.663	39.950	44.139	129.8	0.124	2.925	80.5
90	8.631	8.622	34.514	6.69	26.816	26.817	31.321	35.717	40.009	44.203	125.8	0.136	3.717	90.6
100	8.348	8.338	34.510	6.58	26.856	26.858	31.368	35.770	40.068	44.268	122.1	0.149	3.597	100.7
120	8.008	7.996	34.504	6.51	26.903	26.905	31.423	35.833	40.138	44.345	117.9	0.173	2.740	120.8
140	7.595	7.582	34.473	6.43	26.940	26.942	31.470	35.889	40.204	44.419	114.7	0.196	2.434	141.0
160	7.276	7.261	34.452	6.34	26.969	26.972	31.508	35.934	40.257	44.479	112.1	0.219	2.213	161.1
180	7.013	6.997	34.450	6.30	27.005	27.007	31.549	35.982	40.310	44.538	109.0	0.241	2.391	181.3
200	6.544	6.526	34.392	6.19	27.022	27.025	31.579	36.023	40.362	44.601	107.5	0.262	1.768	201.4
220	6.011	5.992	34.334	6.13	27.046	27.049	31.617	36.074	40.426	44.677	105.2	0.284	2.056	221.6
240	5.179	5.160	34.247	6.04	27.079	27.081	31.671	36.150	40.521	44.791	101.9	0.304	2.425	241.7
260	4.776	4.756	34.209	5.98	27.096	27.098	31.698	36.187	40.569	44.849	100.3	0.325	1.750	261.9
280	4.473	4.453	34.186	5.93	27.111	27.113	31.722	36.218	40.608	44.894	98.9	0.345	1.650	282.1
300	4.266	4.244	34.174	5.91	27.124	27.126	31.740	36.242	40.637	44.929	97.7	0.364	1.507	302.2
320	4.131	4.108	34.168	5.91	27.133	27.136	31.753	36.259	40.657	44.952	96.9	0.384	1.286	322.4
340	4.008	3.984	34.165	5.97	27.144	27.146	31.767	36.276	40.677	44.975	96.0	0.403	1.353	342.6
360	3.927	3.901	34.162	5.90	27.150	27.152	31.775	36.287	40.689	44.989	95.6	0.422	1.039	362.7
380	3.852	3.825	34.160	5.91	27.156	27.158	31.784	36.297	40.701	45.003	95.1	0.441	1.033	382.9
400	3.718	3.690	34.155	5.96	27.165	27.168	31.797	36.313	40.721	45.027	94.3	0.460	1.305	403.1
450	3.509	3.478	34.156	5.91	27.186	27.189	31.824	36.346	40.759	45.069	92.4	0.507	1.219	453.6
500	3.336	3.303	34.157	5.92	27.203	27.206	31.846	36.372	40.791	45.105	91.0	0.553	1.106	504.0
550	3.110	3.074	34.164	5.80	27.230	27.234	31.879	36.412	40.836	45.156	88.5	0.598	1.380	554.5
600	2.948	2.910	34.176	5.68	27.254	27.258	31.908	36.444	40.872	45.196	86.3	0.641	1.290	605.0
650	2.846	2.804	34.196	5.52	27.280	27.284	31.936	36.476	40.906	45.233	84.1	0.684	1.315	655.5
700	2.790	2.745	34.222	5.32	27.305	27.309	31.964	36.504	40.936	45.264	81.9	0.725	1.290	706.0
750	2.745	2.697	34.249	5.17	27.330	27.334	31.990	36.531	40.965	45.293	79.8	0.766	1.276	756.6
800	2.719	2.667	34.273	5.00	27.352	27.356	32.012	36.555	40.988	45.317	78.0	0.805	1.180	807.1
900	2.747	2.688	34.340	4.64	27.403	27.408	32.063	36.605	41.037	45.365	73.8	0.881	1.321	908.2
1000	2.681	2.615	34.399	4.36	27.456	27.462	32.118	36.661	41.095	45.424	69.3	0.953	1.315	1009.4
1100	2.636	2.583	34.457	4.14	27.504	27.511	32.168	36.711	41.145	45.475	65.4	1.020	1.186	1110.6
1200	2.635	2.554	34.512	4.02	27.550	27.557	32.214	36.757	41.192	45.522	61.6	1.084	1.281	1211.9
1300	2.610	2.521	34.569	4.01	27.598	27.605	32.263	36.807	41.241	45.572	57.7	1.143	1.202	1313.3
1400	2.587	2.491	34.603	4.04	27.627	27.635	32.293	36.838	41.273	45.604	55.5	1.200	1.034	1414.6
1500	2.614	2.509	34.653	4.14	27.664	27.673	32.331	36.874	41.309	45.639	52.7	1.254	1.103	1516.1
1600	2.623	2.509	34.685	4.31	27.689	27.699	32.356	36.899	41.333	45.663	51.0	1.306	0.831	1617.6
1700	2.606	2.485	34.710	4.45	27.711	27.721	32.379	36.922	41.357	45.687	49.5	1.356	0.900	1719.1
1800	2.622	2.491	34.740	4.58	27.733	27.744	32.401	36.945	41.379	45.709	48.2	1.405	0.947	1820.7
1900	2.561	2.423	34.755	4.69	27.750	27.762	32.421	36.966	41.402	45.733	46.9	1.453	0.854	1922.4
2000	2.565	2.418	34.777	4.80	27.767	27.780	32.439	36.984	41.420	45.751	45.9	1.499	0.728	2024.1
2100	2.605	2.448	34.802	4.98	27.784	27.798	32.455	36.999	41.434	45.765	45.1	1.545	0.679	2125.8
2200	2.578	2.411	34.812	5.05	27.795	27.809	32.468	37.013	41.448	45.779	44.6	1.590	0.673	2227.6
2300	2.370	2.198	34.789	4.99	27.794	27.809	32.473	37.024	41.466	45.803	44.0	1.634	0.621	2329.4
2400	2.303	2.123	34.796	4.98	27.805	27.820	32.487	37.039	41.483	45.821	43.1	1.677	0.669	2431.3
2500	2.106	1.920	34.774	4.93	27.804	27.818	32.491	37.050	41.498	45.843	42.5	1.720	0.637	2533.2
2600	1.980	1.787	34.769	4.89	27.810	27.825	32.501	37.064	41.516	45.863	41.6	1.762	0.760	2635.2
2700	1.835	1.636	34.758	4.85	27.812	27.827	32.508	37.075	41.532	45.883	40.8	1.804	0.627	2737.2
2800	1.730	1.523	34.756	4.81	27.818	27.834	32.518	37.088	41.547	45.902	39.9	1.844	0.616	2839.3
2900	1.558	1.345	34.738	4.79	27.817	27.833	32.522	37.097	41.561	45.920	39.1	1.883	0.691	2941.4
3000	1.420	1.200	34.732	4.77	27.822	27.838	32.532	37.110	41.579	45.942	38.0	1.922	0.703	3043.6
3200	1.201	0.966	34.723	4.79	27.831	27.846	32.547	37.132	41.607	45.976	36.0	1.996	0.727	3248.1
3400	0.986	0.737	34.709	4.82	27.834	27.850	32.557	37.149	41.630	46.005	34.4	2.066	0.552	3452.8
3600	0.782	0.518	34.697	4.88	27.837	27.854	32.568	37.166	41.653	46.034	32.6	2.133	0.640	3657.6
3800	0.574	0.295	34.687	4.88	27.842	27.858	32.579	37.183	41.677	46.064	30.5	2.197	0.763	3862.7
4000	0.386	0.092	34.677	4.95	27.845	27.861	32.588	37.199	41.698	46.091	28.5	2.256	0.503	4068.0
4200	0.269	-0.044	34.671	4.98	27.846	27.863	32.594	37.209	41.712	46.108	27.3	2.311	0.480	4273.4
4400	0.223	-0.110	34.668	4.98	27.847	27.864	32.597	37.214	41.719	46.117	26.7	2.365	0.403	4479.1
4600	0.192	-0.163	34.665	5.00	27.846	27.865	32.599	37.218	41.724	46.124	26.4	2.418	0.295	4684.8
4800	0.177	-0.199	34.664	4.99	27.846	27.865	32.601	37.220	41.728	46.129	26.3	2.471	0.031	4890.8
5000	0.173	-0.227	34.661	5.01	27.844	27.865	32.601	37.221	41.730	46.131	26.4	2.524	0.188	5097.0
5113	0.152	-0.261	34.660	5.06	27.844	27.865	32.603	37.224	41.734	46.136	26.1	2.553	0.241	5214.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
1	11.686	11.686	34.500	6.29	1.2	0.78	8.70	0.20	26.278	26.279	35.047	43.413	1.	B1
42	10.505	10.500	34.520	6.46	1.3	0.82	9.10	0.22	26.509	26.510	35.327	43.738	43.	
92	8.129	8.120	34.500	6.32	4.4	1.13	13.80	0.43	26.882	26.883	35.806	44.312	93.	
153	7.359	7.344	34.486	6.33	6.4	1.24	17.10	0.03	26.984	26.986	35.944	44.485	155.	B1
201	6.298	6.280	34.414	6.13	8.0	1.39	19.50	0.02	27.073	27.075	36.085	44.673	203.	
290	4.488	4.466	34.200	6.16	13.0	1.76	25.60	0.01	27.120	27.123	36.227	44.902	293.	
389	3.887	3.859	34.172	6.27	15.4	1.81	26.50	0.01	27.161	27.164	36.300	45.005	393.	
614	2.975	2.935	34.184	5.88	26.5	2.03	29.60	0.00	27.258	27.262	36.447	45.198	620.	
789	2.720	2.669	34.278	5.12	40.5	2.21	32.30	0.00	27.356	27.360	36.559	45.321	798.	
984	2.689	2.624	34.400	4.45	56.6	2.35	34.20	0.00	27.456	27.462	36.660	45.423	994.	
1181	2.630	2.550	34.514	4.17	66.1	2.35	34.40	0.00	27.552	27.559	36.760	45.524	1195.	
1378	2.604	2.509	34.601	4.10	70.4	2.30	33.60	0.00	27.624	27.632	36.834	45.599	1394.	
1576	2.610	2.498	34.677	4.18	71.0	2.18	32.20	0.00	27.684	27.694	36.894	45.659	1595.	
1773	2.608	2.480	34.737	4.46	69.2	2.07	30.50	0.00	27.732	27.743	36.944	45.709	1795.	
1965	2.537	2.392	34.771	4.53	69.2	2.00	29.20	0.01	27.765	27.778	36.983	45.752	1990.	
2365	2.374	2.195	34.809	4.81	67.6	1.84	27.20	0.04	27.810	27.824	37.040	45.818	2398.	
2756	1.751	1.547	34.756	4.68	91.9	2.07	30.40	0.02	27.817	27.832	37.085	45.897	2797.	
2949	1.504	1.287	34.746	4.75	99.3	2.11	30.90	0.00	27.827	27.843	37.110	45.937	2994.	
3431	0.981	0.728	34.716	4.81	113.0	2.19	32.10	0.00	27.840	27.856	37.156	46.012	3487.	
3903	0.465	0.178	34.686	4.96	122.9	2.26	32.90	0.00	27.848	27.864	37.196	46.083	3972.	
4325	0.241	-0.085	34.674	5.11	126.5	2.31	33.20	0.00	27.851	27.868	37.216	46.118	4405.	
4710	0.183	-0.184	34.571	5.12	127.8	2.32	33.30	0.00	27.851	27.871	37.225	46.132	4801.	
4713	0.183	-0.185	34.672	5.11	127.5	2.32	33.40	0.00	27.852	27.871	37.225	46.133	4806.	
5086	0.150	-0.260	34.567	5.16	129.4	2.33	33.40	0.00	27.850	27.871	37.230	46.141	5189.	

SHIP AT CRUISE 107 STATION 71
START 43 29.92 S 44 59.54 W AT 1100 79/12/31
WIND = 12M/S COR. DEPTH = 5106M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.865	11.865	34.491	6.48	26.238	26.238	30.672	35.000	39.227	43.358	178.9	0.000	0.000	-0.0
10	11.869	11.868	34.482	6.96	26.230	26.231	30.664	34.992	39.220	43.351	179.9	0.018	-1.510	10.1
20	11.746	11.743	34.484	6.88	26.255	26.256	30.692	35.023	39.252	43.386	177.8	0.036	2.805	20.1
30	11.249	11.245	34.484	6.89	26.347	26.348	30.795	35.135	39.374	43.517	169.2	0.053	5.387	30.2
40	11.100	11.095	34.486	6.86	26.376	26.377	30.827	35.170	39.412	43.558	166.8	0.070	3.007	40.3
50	10.629	10.623	34.471	6.86	26.449	26.450	30.910	35.263	39.514	43.669	160.0	0.086	4.805	50.3
60	9.945	9.938	34.475	6.63	26.571	26.572	31.047	35.414	39.680	43.847	148.6	0.102	6.213	60.4
70	9.142	9.135	34.499	6.60	26.723	26.724	31.217	35.601	39.882	44.066	134.3	0.116	6.931	70.5
80	8.714	8.705	34.485	6.47	26.780	26.781	31.283	35.677	39.968	44.160	129.0	0.129	4.255	80.5
90	8.560	8.550	34.495	6.32	26.812	26.813	31.319	35.716	40.010	44.205	126.2	0.142	3.192	90.6
100	8.385	8.375	34.497	6.30	26.840	26.842	31.351	35.753	40.050	44.249	123.6	0.154	3.003	100.7
120	8.048	8.036	34.513	6.21	26.904	26.906	31.423	35.832	40.137	44.342	117.9	0.178	3.194	120.8
140	7.825	7.811	34.507	6.16	26.933	26.935	31.458	35.871	40.181	44.391	115.4	0.202	2.154	141.0
160	7.483	7.468	34.482	6.13	26.963	26.965	31.496	35.918	40.235	44.453	112.8	0.225	2.224	161.1
180	7.034	7.017	34.439	5.97	26.993	26.995	31.538	35.970	40.297	44.525	110.1	0.247	2.234	181.3
200	6.510	6.493	34.378	5.90	27.016	27.018	31.573	36.019	40.359	44.598	108.1	0.269	1.993	201.4
220	5.876	5.857	34.315	5.90	27.048	27.051	31.622	36.083	40.438	44.692	105.0	0.290	2.374	221.6
240	5.250	5.230	34.254	5.90	27.077	27.079	31.667	36.144	40.514	44.782	102.2	0.311	2.241	241.8
260	4.848	4.828	34.218	5.87	27.094	27.097	31.695	36.182	40.562	44.840	100.5	0.331	1.784	261.9
280	4.653	4.632	34.206	5.85	27.107	27.109	31.713	36.205	40.590	44.872	99.4	0.351	1.472	282.1
300	4.430	4.408	34.191	5.93	27.119	27.122	31.731	36.229	40.619	44.907	98.3	0.371	1.497	302.3
320	4.206	4.183	34.180	5.98	27.134	27.137	31.753	36.256	40.652	44.945	96.9	0.390	1.631	322.4
340	4.075	4.051	34.176	5.98	27.145	27.148	31.767	36.274	40.673	44.970	95.9	0.410	1.387	342.6
360	3.930	3.905	34.169	6.02	27.154	27.157	31.780	36.291	40.694	44.994	95.1	0.429	1.285	362.8
380	3.819	3.792	34.168	6.01	27.165	27.168	31.794	36.308	40.713	45.016	94.2	0.448	1.380	382.9
400	3.772	3.744	34.168	6.03	27.170	27.172	31.800	36.314	40.721	45.025	93.9	0.466	879	403.1
450	3.572	3.542	34.168	5.99	27.189	27.192	31.825	36.345	40.757	45.066	92.2	0.513	1.174	453.6
500	3.373	3.340	34.168	5.95	27.209	27.212	31.851	36.376	40.793	45.106	90.5	0.559	1.188	504.1
550	3.205	3.169	34.172	5.91	27.227	27.231	31.874	36.404	40.825	45.143	88.9	0.604	1.151	554.6
600	3.040	3.000	34.182	5.77	27.251	27.254	31.902	36.436	40.861	45.183	86.8	0.647	1.275	605.1
650	2.909	2.867	34.193	5.68	27.272	27.276	31.927	36.464	40.893	45.218	84.9	0.690	1.216	655.6
700	2.784	2.739	34.213	5.57	27.298	27.302	31.957	36.498	40.930	45.258	82.5	0.732	1.349	706.1
750	2.716	2.668	34.239	5.36	27.326	27.330	31.986	36.529	40.962	45.291	80.2	0.773	1.336	756.6
800	2.716	2.664	34.278	5.09	27.356	27.361	32.016	36.559	40.993	45.322	77.6	0.812	1.385	807.2
900	2.707	2.648	34.345	4.68	27.411	27.416	32.072	36.614	41.047	45.376	73.1	0.888	1.308	908.3
1000	2.696	2.630	34.411	4.38	27.464	27.470	32.126	36.668	41.102	45.431	68.6	0.958	1.248	1009.5
1100	2.644	2.571	34.471	4.10	27.517	27.523	32.180	36.723	41.158	45.488	64.2	1.025	1.244	1110.7
1200	2.612	2.531	34.528	4.00	27.565	27.572	32.230	36.774	41.209	45.539	60.2	1.087	1.143	1212.0
1300	2.615	2.527	34.576	4.05	27.603	27.611	32.268	36.812	41.246	45.577	57.2	1.145	1.136	1313.4
1400	2.583	2.487	34.616	4.12	27.638	27.646	32.305	36.849	41.284	45.615	54.5	1.201	1.068	1414.8
1500	2.554	2.449	34.648	4.17	27.666	27.675	32.333	36.879	41.315	45.646	52.4	1.255	924	1516.2
1600	2.594	2.481	34.688	4.26	27.694	27.703	32.361	36.905	41.340	45.671	50.5	1.306	914	1617.7
1700	2.610	2.488	34.715	4.38	27.714	27.725	32.382	36.926	41.360	45.690	49.3	1.356	735	1719.3
1800	2.606	2.475	34.742	4.50	27.736	27.748	32.405	36.949	41.384	45.714	47.8	1.404	812	1820.9
1900	2.575	2.436	34.759	4.63	27.752	27.764	32.423	36.967	41.403	45.734	46.7	1.452	647	1922.5
2000	2.508	2.361	34.774	4.64	27.770	27.782	32.443	36.989	41.427	45.760	45.4	1.498	785	2024.2
2100	2.464	2.309	34.784	4.70	27.782	27.795	32.456	37.004	41.443	45.777	44.6	1.543	701	2126.0
2200	2.394	2.231	34.790	4.77	27.793	27.806	32.470	37.020	41.461	45.797	43.8	1.587	639	2227.8
2300	2.336	2.165	34.799	4.85	27.805	27.819	32.485	37.036	41.479	45.816	42.8	1.630	792	2329.6
2400	2.246	2.066	34.797	4.87	27.810	27.825	32.493	37.048	41.493	45.833	42.3	1.673	597	2431.5
2500	2.113	1.927	34.787	4.88	27.813	27.828	32.501	37.059	41.507	45.851	41.7	1.715	608	2533.4
2600	1.996	1.803	34.782	4.88	27.819	27.834	32.510	37.072	41.524	45.871	40.9	1.756	629	2635.4
2700	1.835	1.635	34.766	4.80	27.819	27.834	32.515	37.081	41.538	45.889	40.2	1.796	620	2737.5
2800	1.672	1.466	34.755	4.73	27.822	27.837	32.523	37.094	41.555	45.911	39.2	1.836	733	2839.6
2900	1.529	1.317	34.744	4.67	27.824	27.839	32.529	37.105	41.570	45.929	38.3	1.875	646	2941.7
3000	1.409	1.190	34.735	4.69	27.826	27.841	32.535	37.114	41.583	45.946	37.6	1.913	579	3043.9
3200	1.169	0.935	34.724	4.76	27.833	27.849	32.550	37.137	41.612	45.982	35.5	1.986	570	3248.4
3400	0.938	0.690	34.708	4.78	27.836	27.852	32.561	37.154	41.637	46.013	33.8	2.055	758	3453.1
3600	0.748	0.485	34.700	4.82	27.842	27.858	32.573	37.172	41.660	46.042	31.9	2.121	693	3658.0
3800	0.553	0.274	34.688	4.93	27.844	27.860	32.581	37.187	41.681	46.069	30.1	2.183	624	3863.1
4000	0.412	0.117	34.685	4.98	27.850	27.866	32.592	37.202	41.701	46.093	28.4	2.241	604	4068.3
4200	0.294	-0.019	34.678	5.02	27.851	27.868	32.598	37.212	41.714	46.110	27.1	2.297	549	4273.8
4400	0.238	-0.096	34.675	5.11	27.852	27.870	32.602	37.218	41.723	46.121	26.5	2.351	442	4479.4
4600	0.200	-0.155	34.673	5.13	27.852	27.870	32.604	37.223	41.729	46.128	26.1	2.403	348	4685.3
4800	0.184	-0.193	34.671	5.15	27.851	27.871	32.606	37.225	41.733	46.133	25.9	2.455	325	4891.3
5000	0.183	-0.217	34.668	5.11	27.849	27.870	32.606	37.225	41.734	46.135	26.1	2.507	062	5097.5
5096	0.132	-0.278	34.665	5.16	27.849	27.870	32.608	37.230	41.740	46.143	25.4	2.532	265	5197.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	11.866	11.866	34.487	6.39	1.0	0.72	7.10	0.13	26.234	26.234	34.996	43.355	0.	
48	10.500	10.494	34.495	6.21	1.8	0.87	9.40	0.42	26.490	26.491	35.309	43.720	49.	
95	8.628	8.618	34.502	6.16	3.2	1.08	13.50	0.25	26.807	26.808	35.708	44.194	97.	
149	7.658	7.643	34.500	6.14	5.3	1.24	16.70	0.02	26.952	26.954	35.898	44.425	151.	
184	7.128	7.111	34.447	6.24	5.9	1.32	18.10	0.01	26.986	26.988	35.958	44.509	186.	
291	4.537	4.515	34.199	6.07	14.6	1.86	26.90	0.00	27.114	27.117	36.218	44.891	294.	
387	3.934	3.907	34.175	6.20	14.6	1.87	27.00	0.00	27.159	27.162	36.295	44.998	391.	
502	3.418	3.384	34.167	6.12	19.1	1.96	28.30	0.00	27.204	27.207	36.368	45.097	507.	
582	3.101	3.062	34.182	5.90	25.9	2.03	29.40	0.00	27.245	27.249	36.427	45.172	588.	
785	2.725	2.674	34.275	5.11	40.9	2.27	32.80	0.00	27.353	27.358	36.555	45.318	794.	
986	2.689	2.624	34.398	4.47	55.8	2.38	34.60	0.00	27.454	27.460	36.659	45.422	997.	
1224	2.615	2.532	34.537	4.13	67.7	2.40	34.60	0.00	27.572	27.579	36.780	45.546	1238.	
1472	2.616	2.513	34.644	4.13	70.5	2.28	33.10	0.00	27.657	27.666	36.867	45.631	1489.	
1719	2.596	2.473	34.724	4.37	69.8	2.14	31.10	0.00	27.723	27.733	36.935	45.700	1740.	
1965	2.525	2.381	34.771	4.58	68.7	2.03	29.30	0.00	27.766	27.779	36.984	45.754	1991.	
2250	2.360	2.193	34.793	4.75	69.9	1.93	28.20	0.01	27.798	27.812	37.028	45.806	2281.	
2559	2.036	1.846	34.783	4.77	79.5	1.99	28.90	0.01	27.816	27.831	37.067	45.863	2596.	
2954	1.453	1.237	34.738	4.69	101.6	2.16	31.50	0.00	27.825	27.840	37.110	45.940	3000.	
3441	0.919	0.667	34.688	4.83	108.6	2.21	32.10	0.00	27.821	27.837	37.141	46.001	3498.	B1
3926	0.459	0.170	34.683	4.96	123.2	2.31	33.10	0.00	27.846	27.862	37.195	46.082	3995.	
4174	0.312	0.001	34.676	5.05	125.4	2.32	33.30	0.00	27.848	27.865	37.208	46.105	4250.	
4666	0.192	-0.171	34.671	5.12	128.0	2.34	33.40	0.00	27.851	27.870	37.223	46.130	4756.	
5079	0.132	-0.277	34.664	5.19	128.3	2.34	33.50	0.00	27.849	27.869	37.229	46.142	5183.	
5082	0.132	-0.277	34.664	5.19	128.3	2.33	33.40	0.00	27.849	27.869	37.229	46.142	5186.	

SHIP AT CRUISE 107 STATION 72
START 44 25.30 S 44 59.00 W AT 2050 79/12/31
WIND = 16M/S COR. DEPTH = 4945M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.429	11.429	34.497	7.02	26.324	26.324	30.767	35.104	39.339	43.479	170.7	0.000	0.000	-0
10	11.302	11.301	34.513	6.70	26.360	26.360	30.806	35.145	39.383	43.525	167.5	0.017	3.358	10.1
20	10.984	10.981	34.510	6.47	26.416	26.416	30.868	35.214	39.458	43.606	162.5	0.033	4.195	20.2
30	10.700	10.696	34.514	6.50	26.470	26.471	30.929	35.280	39.530	43.683	157.6	0.049	4.131	30.2
40	10.493	10.488	34.510	6.53	26.503	26.504	30.967	35.322	39.576	43.733	154.6	0.065	3.239	40.3
50	10.008	10.002	34.489	6.62	26.571	26.572	31.045	35.411	39.675	43.841	148.4	0.080	4.629	50.3
60	9.474	9.468	34.484	6.57	26.656	26.657	31.142	35.520	39.795	43.971	140.4	0.095	5.198	60.4
70	9.296	9.288	34.528	6.48	26.720	26.721	31.210	35.591	39.869	44.049	134.6	0.108	4.482	70.5
80	8.945	8.936	34.563	6.33	26.804	26.806	31.302	35.690	39.975	44.162	126.8	0.121	5.158	80.6
90	8.548	8.539	34.560	6.25	26.865	26.866	31.372	35.769	40.062	44.257	121.1	0.134	4.390	90.6
100	8.255	8.245	34.535	6.22	26.890	26.892	31.404	35.808	40.108	44.309	118.9	0.146	2.858	100.7
120	7.449	7.438	34.466	6.12	26.956	26.957	31.489	35.912	40.230	44.448	112.8	0.169	3.257	120.9
140	6.734	6.721	34.396	5.92	27.001	27.002	31.552	35.991	40.326	44.560	108.7	0.191	2.724	141.0
160	5.975	5.961	34.316	5.72	27.037	27.039	31.608	36.066	40.418	44.670	105.3	0.213	2.476	161.2
180	5.183	5.169	34.241	5.63	27.074	27.076	31.666	36.144	40.515	44.785	101.7	0.233	2.534	181.3
200	4.917	4.901	34.219	5.72	27.088	27.090	31.686	36.171	40.550	44.826	100.5	0.253	1.530	201.5
220	4.703	4.687	34.201	5.77	27.098	27.099	31.702	36.192	40.576	44.857	99.7	0.274	1.313	221.6
240	4.464	4.447	34.185	5.89	27.111	27.113	31.721	36.218	40.607	44.895	98.5	0.293	1.512	241.8
260	4.307	4.288	34.178	5.95	27.122	27.124	31.737	36.238	40.632	44.922	97.5	0.313	1.422	262.0
280	4.340	4.320	34.197	5.96	27.134	27.136	31.749	36.248	40.640	44.930	96.6	0.332	1.349	282.1
300	4.270	4.248	34.195	6.00	27.140	27.142	31.756	36.257	40.652	44.943	96.3	0.352	1.977	302.3
320	4.036	4.013	34.180	5.92	27.153	27.155	31.775	36.283	40.683	44.980	95.1	0.371	1.532	322.5
340	3.952	3.928	34.179	6.00	27.160	27.162	31.785	36.295	40.697	44.996	94.5	0.390	1.132	342.6
360	3.844	3.819	34.178	5.90	27.170	27.173	31.798	36.311	40.716	45.017	93.6	0.409	1.331	362.8
380	3.737	3.711	34.176	5.91	27.180	27.182	31.810	36.326	40.734	45.038	92.8	0.427	1.290	383.0
400	3.665	3.637	34.175	5.89	27.186	27.189	31.819	36.336	40.746	45.052	92.2	0.446	1.069	403.2
450	3.278	3.248	34.152	6.01	27.205	27.208	31.849	36.377	40.797	45.112	90.4	0.491	1.226	453.7
500	3.226	3.193	34.176	5.86	27.229	27.232	31.874	36.404	40.824	45.141	88.4	0.536	1.239	504.2
550	3.121	3.085	34.189	5.72	27.249	27.252	31.898	36.429	40.853	45.172	86.8	0.580	1.168	554.6
600	2.956	2.917	34.202	5.59	27.275	27.278	31.928	36.464	40.892	45.215	84.4	0.623	1.333	605.1
650	2.838	2.796	34.223	5.46	27.301	27.305	31.958	36.497	40.928	45.254	82.0	0.664	1.347	655.6
700	2.752	2.707	34.249	5.28	27.330	27.334	31.989	36.530	40.963	45.291	79.5	0.705	1.376	706.2
750	2.716	2.668	34.281	5.09	27.359	27.363	32.019	36.561	40.995	45.323	77.0	0.744	1.361	756.7
800	2.700	2.649	34.317	4.87	27.389	27.393	32.049	36.592	41.025	45.354	74.5	0.782	1.374	807.3
900	2.696	2.637	34.381	4.48	27.440	27.445	32.101	36.643	41.077	45.406	70.3	0.854	1.197	908.4
1000	2.687	2.621	34.441	4.25	27.489	27.495	32.151	36.693	41.126	45.455	66.3	0.922	1.142	1009.6
1100	2.648	2.574	34.495	4.09	27.535	27.542	32.198	36.741	41.175	45.505	62.5	0.986	1.239	1110.9
1200	2.662	2.580	34.564	4.05	27.589	27.596	32.253	36.795	41.228	45.557	58.1	1.047	1.246	1212.2
1300	2.675	2.585	34.612	4.10	27.627	27.634	32.290	36.832	41.264	45.593	55.2	1.103	1.098	1313.5
1400	2.650	2.553	34.643	4.16	27.654	27.662	32.318	36.860	41.294	45.623	53.3	1.158	1.966	1414.9
1500	2.691	2.585	34.685	4.30	27.684	27.693	32.348	36.889	41.321	45.649	51.2	1.210	1.012	1516.4
1600	2.821	2.705	34.736	4.54	27.713	27.723	32.374	36.912	41.341	45.665	49.7	1.260	1.745	1617.9
1700	2.808	2.684	34.762	4.63	27.734	27.745	32.397	36.935	41.364	45.689	48.3	1.309	1.904	1719.5
1800	2.733	2.601	34.776	4.74	27.752	27.764	32.417	36.958	41.389	45.715	46.9	1.357	1.739	1821.1
1900	2.768	2.626	34.800	4.85	27.768	27.780	32.433	36.972	41.403	45.729	46.2	1.403	1.585	1922.8
2000	2.722	2.572	34.811	4.93	27.781	27.794	32.448	36.989	41.420	45.748	45.4	1.449	1.612	2024.5
2100	2.651	2.492	34.815	5.00	27.790	27.804	32.460	37.003	41.437	45.766	44.8	1.494	1.714	2126.2
2200	2.579	2.413	34.818	5.01	27.799	27.813	32.472	37.017	41.452	45.784	44.2	1.539	1.704	2228.0
2300	2.565	2.389	34.834	5.09	27.813	27.828	32.487	37.033	41.469	45.800	43.4	1.582	1.744	2329.9
2400	2.391	2.209	34.816	5.08	27.814	27.829	32.493	37.043	41.484	45.821	42.9	1.626	1.646	2431.8
2500	2.268	2.079	34.808	5.05	27.818	27.833	32.501	37.055	41.499	45.839	42.3	1.668	1.676	2533.7
2600	2.141	1.944	34.799	4.96	27.820	27.836	32.508	37.066	41.514	45.857	41.7	1.710	1.692	2635.7
2700	1.962	1.759	34.781	4.98	27.821	27.837	32.514	37.077	41.530	45.878	40.9	1.751	1.637	2737.8
2800	1.862	1.652	34.777	4.96	27.826	27.842	32.522	37.088	41.544	45.895	40.2	1.792	1.503	2839.9
2900	1.712	1.496	34.767	4.92	27.829	27.845	32.530	37.100	41.561	45.916	39.2	1.832	1.710	2942.0
3000	1.527	1.305	34.749	4.90	27.828	27.844	32.535	37.111	41.576	45.936	38.2	1.870	1.601	3044.2
3200	1.294	1.058	34.740	4.89	27.838	27.854	32.552	37.134	41.607	45.973	36.1	1.945	1.698	3248.8
3400	1.073	0.822	34.726	4.88	27.842	27.858	32.563	37.153	41.631	46.004	34.4	2.015	1.641	3453.5
3600	0.793	0.528	34.705	4.86	27.843	27.859	32.573	37.171	41.658	46.038	32.2	2.081	1.657	3658.4
3800	0.558	0.279	34.693	4.90	27.848	27.864	32.585	37.190	41.684	46.072	29.8	2.143	1.656	3863.5
4000	0.369	0.075	34.684	4.92	27.852	27.868	32.595	37.206	41.706	46.099	27.8	2.201	1.567	4068.8
4200	0.272	-0.040	34.678	4.98	27.852	27.869	32.599	37.214	41.717	46.113	26.8	2.255	1.447	4274.3
4400	0.210	-0.122	34.675	5.03	27.853	27.871	32.604	37.221	41.726	46.125	26.1	2.308	1.504	4479.9
4600	0.186	-0.168	34.672	5.06	27.852	27.871	32.605	37.224	41.730	46.130	25.9	2.360	1.303	4685.8
4800	0.172	-0.204	34.672	5.08	27.853	27.873	32.609	37.228	41.736	46.136	25.6	2.412	1.308	4891.8
4941	0.169	-0.224	34.669	5.01	27.851	27.871	32.607	37.227	41.736	46.137	25.8	2.448	1.243	5038.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	11.381	11.381	34.518	6.34	1.6	0.82	9.00	0.16	26.349	26.349	35.131	43.507	0.	
4	11.378	11.377	34.518	6.39	1.5	0.82	9.00	0.16	26.350	26.350	35.131	43.508	5.	
25	10.841	10.838	34.508	6.44	1.5	0.81	9.10	0.16	26.440	26.440	35.244	43.641	25.	
45	10.215	10.210	34.480	6.56	1.4	0.83	9.50	0.16	26.528	26.529	35.360	43.782	46.	B9
97	7.704	7.695	34.494	6.13	5.3	1.23	16.40	0.02	26.940	26.942	35.884	44.409	98.	
147	5.959	5.947	34.335	5.81	8.7	1.60	22.70	0.01	27.054	27.055	36.083	44.687	148.	
196	4.891	4.876	34.227	5.94	11.3	1.76	25.40	0.00	27.097	27.099	36.181	44.837	199.	
292	4.076	4.055	34.170	6.42	13.4	1.79	25.60	0.00	27.140	27.143	36.268	44.964	295.	
390	3.633	3.606	34.167	6.22	17.9	1.90	27.10	0.00	27.183	27.185	36.335	45.053	394.	
587	3.009	2.971	34.195	5.76	27.6	2.07	29.90	0.00	27.264	27.268	36.451	45.199	593.	
785	2.742	2.691	34.301	5.01	43.4	2.26	32.70	0.00	27.372	27.377	36.573	45.334	793.	
980	2.657	2.592	34.533	4.10	67.4	2.37	34.30	0.00	27.565	27.571	36.769	45.531	991.	B1
1177	2.614	2.535	34.533	4.10	67.4	2.37	34.20	0.00	27.569	27.575	36.777	45.542	1191.	
1378	2.648	2.553	34.628	4.13	69.1	2.28	32.90	0.00	27.641	27.650	36.848	45.611	1395.	
1576	2.912	2.698	34.738	4.45	61.9	2.05	29.60	0.00	27.715	27.725	36.914	45.668	1595.	
1766	2.819	2.688	34.781	4.63	58.9	1.92	28.00	0.00	27.748	27.760	36.949	45.703	1788.	
1970	2.721	2.573	34.808	4.81	59.1	1.87	27.10	0.01	27.779	27.792	36.986	45.745	1996.	
2459	2.314	2.128	34.814	4.91	68.1	1.87	27.10	0.00	27.819	27.834	37.053	45.835	2494.	
2951	1.644	1.423	34.757	4.80	93.7	2.08	30.00	0.01	27.826	27.842	37.101	45.921	2997.	
3444	1.013	0.758	34.719	4.81	111.3	2.19	31.60	0.01	27.840	27.856	37.154	46.010	3501.	
3938	0.418	0.128	34.683	4.99	123.8	2.29	32.80	0.01	27.848	27.864	37.199	46.089	4008.	
4423	0.209	-0.126	34.679	5.09	127.9	2.33	33.00	0.01	27.856	27.874	37.225	46.129	4506.	D1
4424	0.208	-0.127	34.675	5.09	126.5	2.36	33.10	0.01	27.853	27.871	37.221	46.126	4508.	
4918	0.169	-0.222	34.674	5.09	129.3	2.37	33.30	0.02	27.853	27.875	37.231	46.140	5017.	

SHIP AT CRUISE 107 STATION 73
START 45 13.70 S 44 57.20 W AT 405 80/ 1/ 1
WIND = 5M/S COR. DEPTH = 5184M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.749	11.749	34.493	6.29	26.261	26.261	30.697	35.028	39.257	43.391	176.7	0.000	0.000	- 0
10	11.747	11.746	34.492	6.83	26.261	26.261	30.697	35.028	39.257	43.391	177.0	0.018	- 362	10.1
20	11.503	11.500	34.484	6.78	26.300	26.301	30.742	35.078	39.312	43.450	173.5	0.035	3.541	20.2
30	11.463	11.460	34.486	6.66	26.309	26.310	30.752	35.088	39.323	43.462	172.9	0.053	1.666	30.2
40	11.232	11.227	34.485	6.61	26.351	26.352	30.799	35.140	39.379	43.522	169.1	0.070	3.642	40.3
50	10.472	10.466	34.486	6.55	26.488	26.489	30.952	35.309	39.563	43.721	156.3	0.086	6.579	50.3
60	9.922	9.915	34.488	6.37	26.584	26.586	31.061	35.429	39.694	43.862	147.3	0.101	5.518	60.4
70	9.515	9.507	34.489	6.25	26.653	26.655	31.139	35.515	39.789	43.965	140.9	0.115	4.671	70.5
80	9.328	9.319	34.516	6.26	26.706	26.707	31.195	35.576	39.853	44.033	136.1	0.129	4.081	80.6
90	8.943	8.933	34.511	6.18	26.764	26.765	31.262	35.651	39.937	44.124	130.8	0.143	4.287	90.6
100	8.685	8.674	34.501	6.19	26.797	26.799	31.302	35.696	39.987	44.180	127.7	0.156	3.277	100.7
120	8.209	8.197	34.501	6.08	26.871	26.873	31.386	35.791	40.093	44.295	121.1	0.180	3.423	120.9
140	7.956	7.942	34.517	5.98	26.922	26.924	31.443	35.854	40.161	44.368	116.5	0.204	2.847	141.0
160	7.369	7.354	34.465	5.97	26.966	26.968	31.502	35.927	40.247	44.467	112.5	0.227	2.709	161.2
180	6.665	6.648	34.382	5.85	26.999	27.001	31.553	35.994	40.330	44.566	109.5	0.249	2.360	181.3
200	6.128	6.110	34.335	5.71	27.032	27.034	31.599	36.054	40.403	44.651	106.4	0.271	2.370	201.5
220	5.210	5.193	34.240	5.73	27.070	27.072	31.661	36.139	40.509	44.779	102.6	0.292	2.587	221.6
240	4.823	4.804	34.210	5.82	27.091	27.093	31.692	36.180	40.560	44.839	100.6	0.312	1.924	241.8
260	4.640	4.620	34.202	5.78	27.105	27.107	31.711	36.203	40.588	44.871	99.4	0.332	1.545	262.0
280	4.514	4.494	34.199	5.79	27.117	27.119	31.727	36.222	40.610	44.896	98.4	0.352	1.426	282.2
300	4.326	4.305	34.188	5.78	27.128	27.131	31.743	36.243	40.637	44.927	97.4	0.371	1.425	302.3
320	4.152	4.129	34.180	5.81	27.140	27.143	31.760	36.264	40.662	44.956	96.3	0.391	1.439	322.5
340	4.050	4.026	34.180	5.91	27.151	27.153	31.773	36.280	40.680	44.977	95.4	0.410	1.345	342.7
360	3.922	3.897	34.173	5.97	27.159	27.162	31.785	36.296	40.699	44.999	94.7	0.429	1.224	362.8
380	3.864	3.838	34.176	5.95	27.167	27.169	31.794	36.307	40.711	45.012	94.1	0.448	1.149	383.0
400	3.803	3.775	34.177	5.92	27.174	27.177	31.803	36.317	40.723	45.026	93.5	0.467	1.110	403.2
450	3.562	3.531	34.172	5.98	27.194	27.196	31.830	36.350	40.762	45.071	91.8	0.513	1.191	453.7
500	3.310	3.277	34.170	5.84	27.216	27.219	31.859	36.386	40.805	45.120	89.8	0.558	1.275	504.2
550	3.096	3.060	34.175	5.81	27.241	27.244	31.890	36.422	40.847	45.167	87.5	0.603	1.320	554.7
600	2.969	2.930	34.190	5.67	27.264	27.267	31.916	36.453	40.880	45.203	85.5	0.646	1.254	605.2
650	2.844	2.803	34.207	5.51	27.289	27.292	31.945	36.484	40.915	45.241	83.3	0.688	1.305	655.7
700	2.780	2.735	34.230	5.37	27.312	27.316	31.971	36.512	40.944	45.272	81.2	0.729	1.258	706.2
750	2.753	2.705	34.258	5.22	27.337	27.342	31.996	36.538	40.971	45.299	79.1	0.769	1.263	756.8
800	2.685	2.634	34.281	5.01	27.361	27.366	32.022	36.566	41.000	45.330	77.0	0.808	1.263	807.3
900	2.706	2.647	34.347	4.63	27.412	27.417	32.073	36.615	41.049	45.378	72.9	0.883	1.249	908.5
1000	2.688	2.621	34.413	4.35	27.466	27.472	32.128	36.671	41.104	45.433	68.4	0.954	1.287	1009.7
1100	2.662	2.588	34.472	4.12	27.516	27.522	32.179	36.722	41.155	45.485	64.3	1.020	1.191	1111.0
1200	2.635	2.554	34.525	4.01	27.561	27.568	32.225	36.768	41.203	45.532	60.6	1.083	1.194	1212.3
1300	2.616	2.528	34.575	4.02	27.602	27.610	32.267	36.811	41.245	45.576	57.3	1.142	1.116	1313.6
1400	2.626	2.529	34.621	4.05	27.638	27.646	32.303	36.846	41.281	45.611	54.6	1.198	1.056	1415.1
1500	2.621	2.515	34.663	4.18	27.672	27.681	32.338	36.881	41.315	45.645	52.0	1.251	1.160	1516.5
1600	2.609	2.496	34.693	4.24	27.697	27.706	32.364	36.907	41.342	45.672	50.3	1.302	9.25	1618.1
1700	2.631	2.508	34.723	4.37	27.718	27.729	32.386	36.929	41.363	45.692	49.0	1.352	8.09	1719.6
1800	2.626	2.495	34.746	4.49	27.738	27.749	32.406	36.949	41.383	45.713	47.7	1.400	7.76	1821.3
1900	2.624	2.485	34.770	4.60	27.757	27.769	32.426	36.969	41.403	45.733	46.6	1.447	8.29	1922.9
2000	2.608	2.459	34.788	4.73	27.773	27.786	32.443	36.987	41.421	45.752	45.6	1.493	7.01	2024.6
2100	2.563	2.406	34.795	4.79	27.782	27.796	32.454	37.000	41.436	45.767	45.1	1.539	6.37	2126.4
2200	2.491	2.326	34.801	4.83	27.793	27.807	32.468	37.015	41.453	45.787	44.3	1.584	7.58	2228.2
2300	2.405	2.232	34.802	4.88	27.801	27.816	32.479	37.029	41.470	45.806	43.6	1.627	6.29	2330.1
2400	2.342	2.161	34.807	4.91	27.810	27.825	32.491	37.043	41.485	45.823	42.9	1.671	6.79	2432.0
2500	2.230	2.041	34.800	4.92	27.815	27.830	32.499	37.054	41.499	45.840	42.3	1.713	7.06	2534.0
2600	2.122	1.926	34.796	4.93	27.820	27.836	32.508	37.066	41.515	45.859	41.6	1.755	6.44	2636.0
2700	1.970	1.768	34.782	4.93	27.821	27.837	32.514	37.076	41.529	45.877	41.0	1.797	6.68	2738.1
2800	1.819	1.610	34.769	4.91	27.823	27.838	32.520	37.087	41.544	45.896	40.2	1.837	6.06	2840.2
2900	1.668	1.452	34.758	4.79	27.825	27.841	32.527	37.098	41.560	45.916	39.3	1.877	6.90	2942.3
3000	1.530	1.308	34.747	4.76	27.827	27.843	32.533	37.109	41.574	45.934	38.4	1.916	6.92	3044.5
3200	1.313	1.076	34.737	4.78	27.834	27.850	32.547	37.129	41.601	45.967	36.7	1.991	7.01	3249.1
3400	1.087	0.835	34.723	4.78	27.838	27.854	32.559	37.148	41.626	45.999	34.9	2.062	6.37	3453.8
3600	0.877	0.610	34.709	4.80	27.841	27.857	32.568	37.164	41.649	46.027	33.2	2.131	6.85	3658.7
3800	0.651	0.370	34.696	4.83	27.844	27.861	32.579	37.182	41.673	46.058	31.0	2.195	6.40	3863.9
4000	0.474	0.177	34.688	4.89	27.849	27.865	32.589	37.198	41.695	46.085	29.1	2.255	5.81	4069.2
4200	0.338	0.023	34.682	4.98	27.852	27.869	32.598	37.210	41.712	46.106	27.5	2.312	6.38	4274.7
4400	0.253	- 0.081	34.676	5.04	27.852	27.869	32.601	37.217	41.722	46.119	26.7	2.366	5.13	4480.4
4600	0.211	- 0.144	34.673	5.05	27.852	27.870	32.604	37.222	41.728	46.127	26.2	2.419	3.88	4686.3
4800	0.190	- 0.187	34.671	5.07	27.851	27.871	32.606	37.225	41.732	46.132	26.0	2.471	- 0.12	4892.3
5000	0.186	- 0.215	34.669	5.08	27.849	27.870	32.606	37.226	41.734	46.135	26.1	2.523	0.104	5098.6
5122	0.173	- 0.242	34.668	5.06	27.850	27.871	32.608	37.228	41.737	46.139	25.9	2.555	0.098	5225.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
43	11.369	11.364	34.492	6.20	0.9	0.75	7.10	0.14	26.331	26.332	35.115	43.492	44.	B9
90	8.691	8.682	34.511	6.21	3.2	1.04	13.20	0.03	26.804	26.805	35.702	44.185	91.	
138	7.727	7.713	34.501	6.14	5.0	1.23	16.50	0.01	26.943	26.945	35.886	44.410	140.	
190	6.026	6.010	34.327	5.95	8.2	1.56	22.10	0.02	27.039	27.041	36.066	44.667	192.	
291	4.291	4.270	34.187	6.18	12.4	1.80	26.10	0.00	27.131	27.133	36.248	44.933	294.	
389	3.843	3.816	34.178	6.19	15.7	1.84	26.70	0.00	27.171	27.173	36.312	45.019	393.	
603	3.002	2.962	34.201	5.76	27.9	2.07	30.20	0.00	27.270	27.273	36.456	45.205	610.	
787	2.708	2.657	34.283	5.04	41.2	2.25	32.70	0.00	27.361	27.365	36.564	45.327	796.	
982	2.688	2.623	34.405	4.41	55.9	2.36	34.20	0.01	27.460	27.466	36.664	45.427	993.	
1232	2.629	2.545	34.541	4.08	67.1	2.35	34.20	0.00	27.574	27.581	36.782	45.546	1247.	
1478	2.621	2.517	34.643	4.12	70.9	2.26	33.20	0.00	27.656	27.665	36.965	45.630	1496.	
1725	2.622	2.497	34.729	4.36	68.8	2.10	30.80	0.00	27.724	27.735	36.935	45.699	1747.	
1969	2.616	2.470	34.781	4.60	65.3	1.97	28.90	0.00	27.766	27.779	36.980	45.744	1995.	
2219	2.467	2.301	34.804	4.75	66.4	1.93	28.00	0.00	27.798	27.812	37.021	45.794	2249.	
2460	2.272	2.086	34.806	4.81	69.9	1.87	27.70	0.00	27.816	27.831	37.052	45.836	2495.	
2705	1.963	1.760	34.789	4.76	81.0	1.97	28.80	0.00	27.827	27.843	37.083	45.884	2746.	D1
2944	1.626	1.406	34.756	4.69	94.6	2.10	30.60	0.00	27.827	27.843	37.103	45.923	2990.	D1
3442	1.038	0.783	34.711	4.76	107.8	2.18	31.90	0.00	27.832	27.848	37.145	45.949	3500.	
3929	0.516	0.225	34.691	4.93	121.6	2.28	32.80	0.00	27.849	27.865	37.195	46.079	4000.	
4411	0.240	-0.095	34.675	5.09	126.5	2.32	33.30	0.00	27.852	27.869	37.218	46.120	4494.	
4908	0.186	-0.204	34.670	5.09	128.4	2.33	33.40	0.00	27.850	27.871	37.226	46.134	5007.	
4907	0.186	-0.204	34.672	5.09	128.9	2.35	33.50	0.00	27.852	27.872	37.227	46.136	5006.	
5108	0.174	-0.240	34.669	5.09	129.7	2.34	33.50	0.00	27.850	27.872	37.229	46.140	5214.	

SHIP AT CRUISE 107 STATION 74
START 45 59.75 S 44 58.55 W AT 1150 80/ 1/ 1
WIND = 5M/S COR. DEPTH = 5228M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.065	11.065	34.516	6.67	26.406	26.406	30.856	35.200	39.442	43.588	163.0	0.000	0.000	-0
10	10.968	10.967	34.519	8.59	26.425	26.426	30.878	35.224	39.468	43.616	161.3	0.016	0.507	10.1
20	10.904	10.901	34.517	8.91	26.435	26.436	30.889	35.236	39.482	43.631	160.6	0.032	1.763	20.2
30	10.803	10.799	34.516	8.17	26.453	26.453	30.909	35.259	39.506	43.657	159.2	0.048	2.358	30.2
40	10.197	10.192	34.487	8.03	26.537	26.537	31.006	35.368	39.629	43.791	151.4	0.064	5.151	40.3
50	9.950	9.944	34.494	7.52	26.584	26.585	31.060	35.427	39.692	43.859	147.1	0.079	3.879	50.4
60	9.732	9.725	34.498	6.91	26.625	26.626	31.105	35.477	39.746	43.918	143.5	0.093	3.573	60.4
70	9.389	9.381	34.489	6.69	26.675	26.676	31.163	35.542	39.818	43.997	138.9	0.107	3.985	70.5
80	8.878	8.869	34.494	6.54	26.761	26.763	31.261	35.651	39.938	44.127	130.8	0.121	3.246	80.6
90	8.579	8.569	34.487	6.38	26.803	26.805	31.310	35.707	40.000	44.195	127.0	0.134	3.643	90.6
100	8.411	8.401	34.497	6.36	26.836	26.838	31.347	35.747	40.045	44.243	124.0	0.146	3.252	100.7
120	8.023	8.011	34.511	6.26	26.907	26.909	31.427	35.836	40.141	44.347	117.6	0.171	3.352	120.9
140	7.647	7.634	34.489	6.21	26.945	26.947	31.474	35.892	40.205	44.419	114.2	0.194	2.482	141.0
160	7.219	7.204	34.451	6.05	26.976	26.978	31.516	35.944	40.267	44.491	111.5	0.216	2.272	161.2
180	6.435	6.419	34.368	5.08	27.018	27.020	31.577	36.024	40.366	44.607	107.9	0.238	2.658	181.3
200	5.532	5.515	34.273	5.94	27.058	27.060	31.640	36.109	40.473	44.734	103.7	0.259	2.622	201.5
220	4.977	4.960	34.224	5.82	27.085	27.087	31.682	36.165	40.542	44.817	101.1	0.280	2.182	221.6
240	4.736	4.718	34.206	5.87	27.098	27.100	31.702	36.191	40.574	44.854	99.9	0.300	1.507	241.8
260	4.485	4.466	34.191	5.83	27.114	27.116	31.724	36.220	40.609	44.895	98.5	0.320	1.662	262.0
280	4.308	4.288	34.182	5.90	27.126	27.128	31.741	36.242	40.635	44.925	97.4	0.339	1.444	282.1
300	4.192	4.170	34.180	5.92	27.136	27.139	31.755	36.259	40.655	44.948	96.5	0.359	1.361	302.3
320	4.097	4.074	34.176	5.88	27.143	27.146	31.764	36.271	40.669	44.965	96.0	0.378	1.098	322.5
340	3.973	3.949	34.174	5.91	27.154	27.157	31.779	36.288	40.690	44.989	95.0	0.397	1.389	342.7
360	3.898	3.873	34.173	5.96	27.161	27.164	31.788	36.299	40.703	45.003	94.5	0.416	1.081	362.8
380	3.772	3.746	34.169	5.97	27.171	27.173	31.801	36.315	40.722	45.026	93.6	0.435	1.313	383.0
400	3.676	3.648	34.167	6.00	27.179	27.181	31.811	36.329	40.738	45.044	93.0	0.453	1.186	403.2
450	3.500	3.470	34.167	5.94	27.196	27.199	31.834	36.356	40.770	45.080	91.5	0.500	1.111	453.7
500	3.285	3.252	34.168	5.96	27.217	27.220	31.861	36.389	40.808	45.124	89.6	0.545	1.228	504.2
550	3.111	3.075	34.173	5.88	27.237	27.240	31.886	36.418	40.842	45.162	87.9	0.589	1.189	554.6
600	2.970	2.931	34.184	5.79	27.259	27.263	31.912	36.448	40.875	45.199	85.9	0.633	1.238	605.2
650	2.871	2.829	34.205	5.62	27.284	27.288	31.940	36.478	40.908	45.234	83.7	0.675	1.299	655.7
700	2.778	2.733	34.232	5.46	27.314	27.318	31.973	36.514	40.946	45.274	81.0	0.716	1.418	706.2
750	2.711	2.663	34.255	5.29	27.338	27.343	31.999	36.541	40.975	45.305	78.9	0.756	1.260	756.7
800	2.701	2.649	34.282	5.09	27.361	27.365	32.022	36.565	40.998	45.328	77.1	0.795	1.200	807.3
900	2.693	2.634	34.337	4.74	27.405	27.410	32.067	36.609	41.043	45.373	73.5	0.871	1.352	908.4
1000	2.690	2.624	34.410	4.43	27.464	27.470	32.126	36.668	41.102	45.431	68.6	0.942	1.334	1009.6
1100	2.662	2.588	34.467	4.20	27.511	27.518	32.175	36.717	41.151	45.481	64.7	1.009	1.218	1110.9
1200	2.633	2.552	34.516	4.15	27.553	27.560	32.218	36.761	41.195	45.525	61.3	1.072	1.186	1212.2
1300	2.667	2.578	34.573	4.14	27.596	27.604	32.259	36.802	41.235	45.564	58.1	1.131	1.062	1313.6
1400	2.743	2.644	34.631	4.15	27.635	27.644	32.298	36.838	41.269	45.596	55.3	1.188	1.025	1415.0
1500	2.806	2.699	34.677	4.41	27.666	27.676	32.328	36.866	41.295	45.620	53.2	1.242	0.905	1516.4
1600	2.633	2.519	34.678	4.38	27.683	27.693	32.350	36.893	41.327	45.656	51.6	1.294	0.931	1618.0
1700	2.629	2.507	34.710	4.40	27.708	27.719	32.376	36.919	41.353	45.683	49.9	1.345	0.874	1719.5
1800	2.644	2.513	34.738	4.53	27.730	27.741	32.398	36.940	41.374	45.703	48.6	1.394	0.741	1821.1
1900	2.624	2.485	34.760	4.61	27.749	27.761	32.418	36.961	41.395	45.726	47.3	1.442	0.753	1922.8
2000	2.588	2.440	34.776	4.72	27.764	27.777	32.435	36.980	41.415	45.746	46.3	1.489	0.742	2024.5
2100	2.564	2.408	34.787	4.80	27.776	27.789	32.448	36.993	41.429	45.761	45.7	1.535	0.639	2126.3
2200	2.526	2.360	34.801	4.89	27.790	27.804	32.465	37.011	41.448	45.781	44.7	1.580	0.665	2228.1
2300	2.466	2.292	34.807	4.95	27.800	27.815	32.477	37.025	41.464	45.799	44.0	1.624	0.646	2329.9
2400	2.371	2.189	34.807	4.98	27.808	27.823	32.488	37.039	41.480	45.817	43.3	1.668	0.655	2431.8
2500	2.319	2.129	34.809	5.03	27.814	27.830	32.497	37.049	41.492	45.831	42.9	1.711	0.546	2533.8
2600	2.223	2.025	34.808	5.04	27.821	27.837	32.506	37.062	41.508	45.849	42.1	1.753	0.731	2635.8
2700	2.081	1.876	34.793	5.02	27.821	27.837	32.511	37.071	41.521	45.866	41.7	1.795	0.670	2737.9
2800	1.984	1.772	34.791	4.94	27.827	27.843	32.520	37.082	41.535	45.883	40.9	1.837	0.645	2839.9
2900	1.830	1.611	34.779	4.92	27.829	27.846	32.527	37.094	41.551	45.903	40.0	1.877	0.714	2942.1
3000	1.645	1.420	34.761	4.92	27.829	27.846	32.533	37.105	41.568	45.925	39.0	1.917	0.631	3044.3
3200	1.377	1.139	34.740	4.80	27.832	27.849	32.544	37.124	41.595	45.959	37.3	1.993	0.584	3248.8
3400	1.160	0.906	34.725	4.80	27.835	27.852	32.554	37.141	41.618	45.988	35.8	2.066	0.653	3453.6
3600	0.942	0.673	34.712	4.83	27.839	27.856	32.565	37.159	41.642	46.019	33.9	2.136	0.656	3658.5
3800	0.713	0.430	34.698	4.87	27.842	27.859	32.576	37.177	41.667	46.050	31.8	2.201	0.631	3863.6
4000	0.543	0.244	34.691	4.92	27.847	27.864	32.586	37.192	41.687	46.076	29.9	2.263	0.536	4068.9
4200	0.398	0.081	34.682	4.98	27.849	27.866	32.593	37.204	41.704	46.097	28.4	2.321	0.553	4274.4
4400	0.293	-0.042	34.677	5.01	27.850	27.868	32.599	37.213	41.716	46.113	27.2	2.377	0.481	4480.1
4600	0.247	-0.109	34.675	5.02	27.851	27.870	32.603	37.220	41.725	46.123	26.6	2.430	0.318	4685.9
4800	0.220	-0.159	34.673	5.10	27.851	27.871	32.605	37.224	41.730	46.129	26.3	2.483	0.241	4891.9
5000	0.206	-0.196	34.672	5.14	27.851	27.872	32.607	37.226	41.734	46.134	26.2	2.536	0.349	5098.2
5200	0.186	-0.239	34.668	5.13	27.849	27.871	32.608	37.228	41.737	46.139	26.1	2.588	0.153	5304.6
5226	0.189	-0.239	34.669	5.11	27.849	27.872	32.608	37.229	41.738	46.139	26.1	2.595	0.233	5332.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	11.113	11.113	34.513	6.40	0.3	0.80	8.50	0.16	26.395	26.395	35.187	43.573	1.	
26	10.729	10.726	34.532	6.46	0.3	0.80	8.50	0.17	26.479	26.479	35.287	43.688	26.	
55	9.851	9.845	34.535	6.32	1.1	0.90	9.60	0.30	26.633	26.634	35.480	43.915	56.	
104	8.250	8.239	34.556	6.14	3.6	1.18	15.60	0.18	26.907	26.909	35.825	44.326	105.	
144	7.475	7.461	34.488	6.11	5.3	1.31	17.70	0.02	26.969	26.971	35.924	44.459	145.	
198	5.707	5.691	34.287	5.88	9.5	1.67	23.80	0.01	27.047	27.049	36.090	44.707	200.	
395	3.760			6.17	15.7	1.87	27.20	0.01					400.	
605	2.943	2.904	34.191	5.79	27.2	2.09	30.30	0.00	27.267	27.270	36.457	45.209	611.	B9
782	2.698	2.647	34.273	5.14	40.5	2.25	32.60	0.00	27.354	27.358	36.558	45.321	791.	
989	2.699	2.633	34.408	4.40	55.0	2.38	34.50	0.01	27.462	27.467	36.665	45.427	1000.	
1231	2.662	2.578	34.537	4.13	64.9	2.37	34.30	0.00	27.568	27.575	36.774	45.537	1245.	
1475	2.635	2.552	34.645	4.15	68.1	2.27	32.90	0.00	27.654	27.663	36.862	45.625	1492.	
1717	2.631	2.507	34.718	4.31	67.8	2.14	31.20	0.01	27.715	27.726	36.925	45.689	1739.	
1967	2.599	2.454	34.773	4.60	65.8	2.01	29.20	0.00	27.761	27.774	36.976	45.741	1993.	
2220	2.483	2.316	34.799	4.75	65.7	1.94	28.10	0.01	27.792	27.806	37.015	45.787	2251.	
2442	2.341	2.156	34.807	4.83	67.7	1.87	27.40	0.01	27.811	27.826	37.044	45.824	2477.	
2697	2.070	1.866	34.795	4.83	75.6	1.93	28.10	0.00	27.823	27.840	37.073	45.869	2738.	
2941	1.717	1.496	34.768	4.78	89.2	2.05	29.90	0.00	27.829	27.846	37.101	45.916	2987.	
33440	1.094	0.838	34.722	4.77	109.8	2.20	32.00	0.00	27.837	27.854	37.147	45.998	3497.	
3931	0.585	-0.292	34.690	4.90	120.5	2.28	32.90	0.00	27.844	27.861	37.186	46.067	4002.	
4418	0.286	-0.051	34.677	5.05	125.4	2.32	33.30	0.00	27.851	27.869	37.215	46.115	4502.	
4665	0.232	-0.132	34.673	5.09	126.6	2.33	33.40	0.00	27.850	27.870	37.220	46.125	4756.	
5207	0.188	-0.238	34.670	5.11	127.6	2.34	33.50	0.00	27.850	27.872	37.229	46.140	5316.	
5209	0.189	-0.238	34.670	5.12	129.1	2.35	33.50	0.00	27.850	27.872	37.229	46.140	5318.	

SHIP AT CRUISE 107 STATION 75
START 46 0.00 S 46 0.00 W AT 1936 80/ 1/ 1
WIND = 24M/S COR. DEPTH = 5702M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.458	12.458	34.450	6.12	26.092	26.092	30.514	34.831	39.047	43.168	192.7	0.000	0.000	-0.0
10	12.461	12.460	34.452	6.13	26.093	26.094	30.516	34.832	39.049	43.170	192.9	0.019	0.684	10.1
20	12.074	12.071	34.454	6.30	26.170	26.170	30.600	34.925	39.148	43.276	185.9	0.038	4.907	20.2
30	11.972	11.968	34.455	6.31	26.189	26.190	30.622	34.948	39.174	43.304	184.3	0.057	2.497	30.2
40	11.832	11.827	34.449	6.22	26.211	26.212	30.647	34.976	39.204	43.337	182.4	0.075	2.630	40.3
50	11.262	11.256	34.434	6.32	26.306	26.307	30.754	35.095	39.334	43.477	173.6	0.093	5.479	50.3
60	10.451	10.444	34.460	6.27	26.471	26.472	30.936	35.293	39.548	43.707	158.1	0.109	7.216	60.4
70	10.007	9.999	34.478	6.28	26.563	26.564	31.037	35.403	39.667	43.834	149.6	0.125	5.371	70.5
80	9.602	9.593	34.485	6.22	26.636	26.638	31.120	35.495	39.767	43.941	142.8	0.139	4.837	80.6
90	8.959	8.950	34.504	6.17	26.756	26.757	31.254	35.642	39.927	44.115	131.5	0.153	6.153	90.6
100	8.642	8.631	34.524	6.05	26.821	26.823	31.327	35.722	40.014	44.207	125.5	0.166	4.559	100.7
120	8.327	8.314	34.519	5.94	26.867	26.869	31.379	35.782	40.080	44.280	121.5	0.191	2.691	120.9
140	8.087	8.073	34.524	5.87	26.907	26.909	31.425	35.833	40.137	44.342	118.0	0.215	2.532	141.0
160	7.735	7.720	34.502	5.84	26.942	26.945	31.469	35.885	40.197	44.409	114.9	0.238	2.409	161.2
180	7.212	7.195	34.447	5.75	26.974	26.977	31.515	35.943	40.266	44.490	112.0	0.261	2.323	181.3
200	6.575	6.557	34.374	5.67	27.005	27.007	31.561	36.005	40.343	44.581	109.1	0.283	2.285	201.5
220	6.114	6.095	34.332	5.60	27.032	27.034	31.600	36.055	40.404	44.652	106.6	0.304	2.158	221.7
240	5.514	5.495	34.275	5.61	27.062	27.064	31.645	36.115	40.479	44.741	103.8	0.325	2.286	241.8
260	5.157	5.137	34.246	5.66	27.081	27.084	31.674	36.153	40.525	44.796	102.0	0.346	1.849	262.0
280	4.812	4.790	34.217	5.66	27.098	27.101	31.700	36.188	40.569	44.847	100.4	0.366	1.744	282.2
300	4.571	4.548	34.202	5.76	27.113	27.115	31.721	36.215	40.602	44.886	99.0	0.386	1.609	302.3
320	4.359	4.335	34.189	5.72	27.126	27.128	31.740	36.239	40.631	44.921	97.8	0.406	1.512	322.5
340	4.223	4.198	34.184	5.79	27.136	27.139	31.754	36.257	40.653	44.945	96.9	0.425	1.374	342.7
360	4.067	4.041	34.177	5.81	27.147	27.150	31.769	36.276	40.676	44.972	95.9	0.445	1.392	362.9
380	3.925	3.898	34.172	5.83	27.158	27.160	31.784	36.294	40.698	44.997	95.0	0.464	1.370	383.1
400	3.828	3.800	34.170	5.87	27.166	27.168	31.794	36.308	40.713	45.016	94.3	0.483	1.186	403.2
450	3.616	3.585	34.167	5.95	27.184	27.188	31.819	36.338	40.749	45.057	92.7	0.529	1.164	453.7
500	3.386	3.353	34.169	5.82	27.209	27.212	31.850	36.375	40.792	45.105	90.6	0.575	1.304	504.2
550	3.248	3.211	34.177	5.79	27.228	27.231	31.873	36.402	40.822	45.138	88.9	0.620	1.160	554.7
600	3.076	3.037	34.192	5.65	27.255	27.259	31.905	36.438	40.863	45.184	86.4	0.664	1.378	605.2
650	2.954	2.911	34.209	5.49	27.280	27.284	31.934	36.470	40.898	45.221	84.2	0.707	1.300	655.8
700	2.868	2.822	34.228	5.37	27.303	27.307	31.960	36.498	40.928	45.254	82.2	0.748	1.253	706.3
750	2.818	2.770	34.247	5.20	27.322	27.327	31.980	36.520	40.951	45.278	80.6	0.789	1.122	756.8
800	2.733	2.681	34.269	5.06	27.347	27.352	32.007	36.550	40.983	45.311	78.4	0.829	1.298	807.4
900	2.710	2.651	34.333	4.69	27.401	27.406	32.062	36.604	41.038	45.367	73.9	0.905	1.346	908.6
1000	2.687	2.621	34.405	4.37	27.460	27.466	32.122	36.665	41.098	45.427	69.0	0.976	1.426	1009.8
1100	2.720	2.646	34.474	4.15	27.512	27.519	32.174	36.715	41.147	45.476	64.8	1.043	1.214	1111.1
1200	2.729	2.647	34.520	4.09	27.548	27.555	32.210	36.751	41.183	45.511	62.1	1.107	0.984	1212.4
1300	2.726	2.636	34.572	4.08	27.590	27.598	32.252	36.793	41.224	45.552	58.8	1.167	1.067	1313.8
1400	2.730	2.632	34.614	4.16	27.623	27.632	32.286	36.826	41.258	45.586	56.3	1.224	0.925	1415.2
1482	2.749	2.644	34.645	4.24	27.646	27.655	32.309	36.849	41.280	45.607	54.8	1.270	0.886	1499.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
1	12.459	12.459	34.460	6.18	0.4	0.67	6.20	0.11	26.100	26.100	34.838	43.175	1.	
5	12.453	19.793			0.5	0.66	6.10	0.11					5.	
15	12.383	33.586			0.4	0.65	5.90	0.11					15.	
24	12.042	46.796			0.4	0.65	5.90	0.10					25.	
35	11.968	62.120			0.4	0.66	6.10	0.11					36.	
44	11.737	74.910			0.5	0.66	6.20	0.12					45.	
54	10.867	10.860	34.442	6.17	1.2	0.77	7.10	0.15	26.384	26.385	35.189	43.586	55.	
62	10.516	10.508	34.467	6.18	1.8	0.83	8.20	0.22	26.466	26.467	35.285	43.696	63.	
95	8.755	8.745	34.509	6.07	3.9	1.07	13.70	0.01	26.792	26.794	35.688	44.168	96.	
143	8.070	8.056	34.532	5.95	5.2	1.19	16.00	0.01	26.916	26.918	35.843	44.352	144.	
196	6.691	6.674	34.396	5.79	8.1	1.50	21.20	0.01	27.006	27.008	36.000	44.571	198.	
293	4.561	4.539	34.204	6.03	12.5	1.79	25.90	0.00	27.116	27.118	36.218	44.890	296.	
390	3.874	3.846	34.173	6.16	15.5	1.82	26.60	0.00	27.164	27.166	36.303	45.009	394.	
494	3.416	3.382	34.170	6.06	19.6	1.93	28.10	0.01	27.206	27.209	36.371	45.099	500.	
585	3.125	3.086	34.188	5.81	25.4	2.04	29.70	0.00	27.248	27.251	36.428	45.171	591.	
689	2.884	2.839	34.226	5.46	33.4	2.14	31.30	0.00	27.300	27.304	36.494	45.248	696.	
787	2.730	2.679	34.262	5.16	39.5	2.21	32.30	0.00	27.342	27.347	36.545	45.307	795.	
982	2.692	2.627	34.394	4.47	55.2	2.36	34.30	0.00	27.451	27.457	36.655	45.418	993.	
1082	2.732	2.659	34.468	4.24	60.3	2.38	34.30	0.00	27.506	27.513	36.708	45.468	1094.	
1280	2.722	2.633	34.561	4.10	65.3	2.34	33.90	0.00	27.582	27.589	36.785	45.545	1295.	
1463	2.742	2.638	34.643	4.17	66.3	2.26	32.70	0.00	27.645	27.654	36.848	45.606	1481.	88

SHIP AT CRUISE 107 STATION 76
START 46 46 S 46 59.02 W AT 52 80/ 1/ 2
WIND = 15M/S COR. DEPTH = 5430M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.333	12.333	34.593	4.36	26.227	26.227	30.651	34.969	39.187	43.309	179.9	0.000	0.000	-0
10	12.332	12.331	34.593	6.12	26.227	26.228	30.651	34.969	39.187	43.309	180.2	0.018	0.359	10.1
20	12.196	12.194	34.610	6.26	26.267	26.267	30.693	35.014	39.235	43.359	176.7	0.036	3.527	20.2
30	12.021	12.017	34.608	6.37	26.299	26.300	30.730	35.054	39.278	43.405	173.9	0.053	3.197	30.2
40	11.421	11.416	34.589	6.50	26.397	26.398	30.840	35.177	39.412	43.550	164.8	0.070	5.558	40.3
50	10.563	10.557	34.576	6.46	26.542	26.543	31.004	35.358	39.610	43.765	151.1	0.086	6.775	50.4
60	10.107	10.100	34.586	6.38	26.629	26.631	31.101	35.464	39.725	43.889	143.1	0.101	5.243	60.4
70	9.611	9.603	34.608	6.19	26.731	26.732	31.213	35.587	39.858	44.031	133.6	0.115	5.663	70.5
80	9.209	9.201	34.591	6.06	26.783	26.785	31.275	35.657	39.937	44.119	128.8	0.128	4.089	80.6
90	9.023	9.014	34.585	6.00	26.809	26.811	31.305	35.691	39.975	44.160	126.5	0.141	2.876	90.6
100	8.558	8.547	34.546	5.96	26.852	26.854	31.359	35.756	40.049	44.244	122.6	0.153	3.702	100.7
120	8.026	8.014	34.502	5.85	26.899	26.901	31.419	35.828	40.133	44.339	118.3	0.177	2.765	120.9
140	7.858	7.844	34.516	5.87	26.935	26.937	31.459	35.872	40.180	44.390	115.3	0.200	2.389	141.0
160	6.921	6.906	34.408	5.82	26.984	26.986	31.531	35.966	40.297	44.527	110.6	0.223	2.873	161.2
180	6.354	6.338	34.346	5.80	27.012	27.014	31.573	36.022	40.366	44.609	108.1	0.245	2.170	181.3
200	5.898	5.881	34.306	5.72	27.039	27.041	31.612	36.072	40.426	44.680	105.6	0.266	2.132	201.5
220	5.373	5.355	34.257	5.63	27.064	27.066	31.651	36.124	40.492	44.757	103.2	0.287	2.118	221.7
240	5.008	4.990	34.224	5.72	27.081	27.083	31.678	36.160	40.536	44.811	101.6	0.308	1.735	241.8
260	4.753	4.733	34.211	5.66	27.099	27.102	31.703	36.192	40.574	44.854	100.0	0.328	1.763	262.0
280	4.590	4.569	34.205	5.76	27.113	27.116	31.721	36.215	40.601	44.885	98.8	0.348	1.553	282.2
300	4.432	4.410	34.196	5.80	27.123	27.126	31.735	36.233	40.623	44.911	97.9	0.367	1.329	302.4
320	4.278	4.254	34.189	5.90	27.134	27.137	31.750	36.252	40.646	44.937	97.0	0.387	1.369	322.5
340	4.138	4.113	34.183	5.85	27.144	27.147	31.764	36.269	40.667	44.962	96.1	0.406	1.333	342.7
360	4.024	3.999	34.178	5.94	27.152	27.154	31.775	36.283	40.684	44.981	95.5	0.425	1.181	362.9
380	3.913	3.886	34.174	5.95	27.160	27.163	31.787	36.298	40.701	45.002	94.7	0.444	1.243	383.1
400	3.830	3.802	34.172	5.95	27.167	27.170	31.796	36.309	40.714	45.017	94.2	0.463	1.070	403.3
450	3.634	3.603	34.173	5.95	27.187	27.190	31.821	36.340	40.750	45.057	92.5	0.510	1.195	453.8
500	3.436	3.402	34.173	5.92	27.206	27.210	31.847	36.370	40.786	45.097	90.8	0.556	1.176	504.2
550	3.264	3.228	34.176	5.82	27.225	27.229	31.870	36.398	40.818	45.135	89.2	0.601	1.163	554.7
600	3.088	3.048	34.183	5.80	27.249	27.253	31.899	36.432	40.856	45.177	87.0	0.645	1.294	605.3
650	2.962	2.920	34.198	5.66	27.271	27.275	31.924	36.461	40.888	45.212	85.1	0.688	1.228	655.8
700	2.864	2.818	34.215	5.55	27.293	27.297	31.950	36.489	40.919	45.244	83.1	0.730	1.237	706.3
750	2.790	2.742	34.236	5.39	27.316	27.321	31.975	36.515	40.947	45.275	81.2	0.771	1.237	756.9
800	2.796	2.743	34.270	5.19	27.343	27.348	32.002	36.542	40.974	45.301	78.9	0.811	1.301	807.4
900	2.697	2.638	34.318	4.84	27.390	27.395	32.051	36.594	41.028	45.357	75.0	0.888	1.290	908.6
1000	2.694	2.628	34.386	4.50	27.444	27.450	32.106	36.649	41.082	45.411	70.5	0.961	1.334	1009.8
1100	2.665	2.591	34.446	4.28	27.495	27.501	32.158	36.701	41.135	45.465	66.2	1.029	1.316	1111.1
1200	2.651	2.570	34.497	4.16	27.537	27.544	32.201	36.744	41.178	45.508	62.9	1.094	1.181	1212.4
1300	2.637	2.548	34.543	4.11	27.575	27.582	32.239	36.783	41.217	45.547	59.9	1.155	1.121	1313.8
1400	2.638	2.541	34.590	4.12	27.612	27.620	32.277	36.820	41.254	45.584	57.1	1.214	1.080	1415.2
1500	2.631	2.526	34.629	4.13	27.644	27.653	32.310	36.853	41.287	45.617	54.7	1.270	0.965	1516.7
1600	2.640	2.527	34.668	4.17	27.674	27.684	32.341	36.883	41.317	45.647	52.5	1.323	0.926	1618.2
1700	2.654	2.531	34.696	4.23	27.695	27.706	32.362	36.905	41.338	45.668	51.2	1.375	0.900	1719.8
1800	2.710	2.578	34.737	4.37	27.723	27.735	32.389	36.930	41.362	45.690	49.4	1.425	0.947	1821.4
1900	2.700	2.559	34.760	4.53	27.742	27.755	32.409	36.951	41.383	45.711	48.2	1.474	0.722	1923.1
2000	2.638	2.489	34.771	4.59	27.756	27.769	32.426	36.969	41.404	45.733	47.2	1.522	0.694	2024.8
2100	2.668	2.509	34.796	4.75	27.774	27.788	32.444	36.986	41.419	45.748	46.4	1.569	0.745	2126.6
2200	2.613	2.446	34.804	4.80	27.785	27.800	32.457	37.002	41.436	45.767	45.6	1.615	0.725	2228.5
2300	2.520	2.345	34.805	4.83	27.794	27.808	32.469	37.016	41.453	45.786	44.9	1.660	0.644	2330.3
2400	2.497	2.313	34.819	4.92	27.807	27.823	32.484	37.031	41.470	45.804	44.1	1.704	0.717	2432.3
2500	2.479	2.285	34.828	5.04	27.816	27.832	32.494	37.043	41.481	45.816	43.7	1.748	0.580	2534.2
2600	2.387	2.186	34.823	5.04	27.819	27.836	32.501	37.052	41.493	45.830	43.3	1.792	0.577	2636.3
2700	2.272	2.063	34.817	5.06	27.824	27.841	32.510	37.064	41.509	45.849	42.7	1.835	0.720	2738.3
2800	2.140	1.924	34.806	5.03	27.827	27.844	32.516	37.074	41.523	45.867	42.0	1.877	0.699	2840.4
2900	2.080	1.855	34.808	5.06	27.833	27.851	32.525	37.085	41.536	45.881	41.4	1.919	0.558	2942.6
3000	1.884	1.653	34.786	4.94	27.831	27.849	32.529	37.095	41.550	45.901	40.6	1.960	0.684	3044.8
3200	1.533	1.291	34.751	4.78	27.829	27.847	32.538	37.114	41.579	45.940	38.8	2.039	0.602	3249.4
3400	1.288	1.032	34.733	4.77	27.833	27.850	32.549	37.132	41.605	45.973	37.0	2.115	0.715	3454.2
3600	1.086	0.814	34.722	4.71	27.838	27.856	32.561	37.150	41.629	46.002	35.3	2.187	0.651	3659.1
3800	0.875	0.587	34.709	4.78	27.841	27.859	32.570	37.167	41.652	46.031	33.4	2.256	0.695	3864.2
4000	0.674	0.371	34.699	4.85	27.845	27.863	32.581	37.184	41.675	46.060	31.4	2.321	0.700	4069.6
4200	0.504	0.184	34.689	4.89	27.848	27.866	32.590	37.198	41.694	46.084	29.6	2.382	0.675	4275.1
4400	0.366	0.028	34.681	4.95	27.849	27.868	32.597	37.209	41.710	46.105	28.1	2.440	0.511	4480.8
4600	0.301	-0.057	34.677	5.00	27.850	27.869	32.600	37.215	41.719	46.116	27.4	2.495	0.265	4686.7
4800	0.256	-0.124	34.677	5.05	27.852	27.872	32.606	37.223	41.728	46.127	26.7	2.549	0.391	4892.8
5000	0.236	-0.166	34.672	5.08	27.849	27.870	32.605	37.223	41.730	46.130	26.7	2.602	0.148	5099.1
5200	0.232	-0.195	34.671	5.11	27.849	27.871	32.607	37.226	41.734	46.134	26.7	2.656	0.168	5305.5
5400	0.227	-0.224	34.670	5.03	27.848	27.872	32.608	37.228	41.736	46.138	26.7	2.709	0.391	5512.1
5429	0.229	-0.226	34.671	5.05	27.849	27.873	32.609	37.229	41.738	46.139	26.7	2.717	0.335	5543.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	12.348	12.348	34.573	6.16	1.7	0.71	7.10	0.17	26.209	26.209	34.950	43.290	1.	B1
44	11.206	11.201	34.576	6.18	1.6	0.71	7.20	0.17	26.427	26.428	35.215	43.598	44.	
92	8.929	8.919	34.570	5.99	4.2	1.16	14.60	0.02	26.812	26.814	35.699	44.172	94.	
201	5.756	5.739	34.318	5.80	9.7	1.63	23.50	0.01	27.066	27.068	36.106	44.720	203.	
289	4.384	4.362	34.197	6.00	13.1	1.81	26.40	0.00	27.129	27.132	36.241	44.921	292.	
387	3.897	3.869	34.177	6.16	15.8	1.84	26.80	0.01	27.164	27.167	36.303	45.007	391.	
586	3.136	3.097	34.184	5.86	24.9	2.01	27.30	0.00	27.244	27.247	36.424	45.166	592.	
795	2.786	2.734	34.254	5.27	37.4	2.18	32.00	0.00	27.331	27.336	36.531	45.290	804.	
987	2.698	2.633	34.363	4.61	51.9	2.31	33.70	0.00	27.426	27.431	36.630	45.393	998.	
1184	2.653	2.573	34.483	4.17	64.1	2.37	34.50	0.01	27.523	27.532	36.732	45.496	1198.	
1380	2.634	2.538	34.574	4.09	69.3	2.31	33.90	0.00	27.600	27.608	36.808	45.573	1396.	
1577	2.645	2.533	34.657	4.18	70.5	2.21	32.60	0.00	27.665	27.675	36.874	45.637	1597.	
1767	2.644	2.515	34.717	4.33	69.7	2.11	31.10	0.00	27.713	27.724	36.923	45.687	1790.	
1969	2.636	2.490	34.764	4.54	67.4	2.00	29.40	0.00	27.751	27.764	36.964	45.727	1995.	
2234	2.568	2.398	34.806	4.78	64.9	1.91	27.80	0.00	27.791	27.805	37.009	45.777	2265.	
2556	2.487	2.288	34.837	5.05	60.2	1.76	25.60	0.00	27.822	27.839	37.049	45.822	2593.	
2944	2.009	1.782	34.801	4.97	77.1	1.90	27.60	0.00	27.833	27.851	37.089	45.889	2990.	
3425	1.262	1.003	34.729	4.73	107.9	2.18	31.60	0.00	27.831	27.849	37.132	45.974	3482.	
3922	0.736	0.439	34.702	4.86	119.5	2.25	32.60	0.00	27.844	27.862	37.179	46.052	3992.	
4402	0.372	0.034	34.682	5.00	126.6	2.29	33.00	0.00	27.850	27.868	37.209	46.104	4485.	
4911	0.240	-0.152	34.675	5.07	124.5	2.28	33.00	0.00	27.852	27.872	37.224	46.130	5011.	
4912	0.241	-0.152	34.676	5.09	128.6	2.31	33.20	0.00	27.852	27.873	37.225	46.131	5012.	
5157	0.233	-0.189	34.670	5.11	129.3	2.31	33.40	0.00	27.848	27.870	37.224	46.132	5264.	
5416	0.229	-0.225	34.670	5.14	130.3	2.33	33.50	0.00	27.848	27.872	37.228	46.138	5532.	

SHIP AT CRUISE 107 STATION 77
START 45 59.85 S 47 59.37 W AT 905 80/ 1/ 2
WIND = 10M/S COR. DEPTH = 5585M

DE	TE	PT	SA	DX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.249	13.249	34.767	4.50	26.180	26.180	30.584	34.883	39.083	43.188	184.4	0.000	0.000	- 0
10	13.245	13.243	34.762	6.17	26.177	26.177	30.581	34.881	39.081	43.186	185.0	0.018	- 909	10.1
20	13.149	13.146	34.747	6.32	26.185	26.185	30.591	34.894	39.095	43.202	184.5	0.037	1.604	20.2
30	12.010	12.007	34.622	6.53	26.312	26.313	30.743	35.067	39.291	43.419	172.6	0.055	6.338	30.2
40	11.675	11.670	34.784	6.50	26.501	26.502	30.938	35.268	39.497	43.630	154.9	0.071	7.706	40.3
50	11.601	11.594	34.884	6.18	26.592	26.594	31.030	35.361	39.591	43.725	146.5	0.086	5.362	50.3
60	10.848	10.841	34.748	6.14	26.625	26.627	31.080	35.427	39.672	43.821	143.5	0.101	3.263	60.4
70	11.119	11.110	34.882	5.85	26.680	26.682	31.129	35.469	39.708	43.851	138.6	0.115	4.144	70.5
80	9.866	9.857	34.664	5.97	26.731	26.733	31.208	35.576	39.841	44.009	133.8	0.128	4.081	80.5
90	9.387	9.377	34.616	6.07	26.774	26.775	31.261	35.640	39.915	44.093	129.9	0.142	3.684	90.6
100	8.885	8.874	34.539	6.13	26.795	26.797	31.295	35.685	39.972	44.160	128.0	0.155	2.682	100.7
120	8.287	8.275	34.530	5.98	26.881	26.883	31.395	35.798	40.097	44.298	120.1	0.179	3.699	120.9
140	8.356	8.342	34.604	5.93	26.929	26.931	31.440	35.841	40.139	44.338	116.0	0.203	2.730	141.0
160	7.034	7.019	34.414	6.10	26.973	26.976	31.518	35.950	40.278	44.506	111.7	0.226	2.786	161.2
180	6.370	6.354	34.334	5.89	27.000	27.002	31.561	36.010	40.353	44.595	109.2	0.248	2.135	181.3
200	5.936	5.919	34.290	5.81	27.021	27.024	31.594	36.053	40.407	44.659	107.3	0.269	1.936	201.5
220	5.268	5.250	34.222	5.95	27.049	27.051	31.639	36.115	40.485	44.753	104.6	0.291	2.218	221.6
240	5.047	5.028	34.212	6.05	27.067	27.069	31.662	36.144	40.519	44.793	103.0	0.311	1.720	241.8
260	4.826	4.807	34.201	6.04	27.083	27.086	31.685	36.172	40.553	44.831	101.6	0.332	1.684	262.0
280	4.521	4.500	34.174	6.13	27.096	27.098	31.706	36.201	40.589	44.875	100.4	0.352	1.533	282.1
300	4.457	4.435	34.183	6.15	27.110	27.113	31.722	36.219	40.608	44.896	99.2	0.372	1.520	302.3
320	4.393	4.369	34.186	6.14	27.119	27.122	31.733	36.231	40.622	44.911	98.5	0.392	1.229	322.5
340	4.288	4.263	34.187	6.11	27.131	27.134	31.748	36.249	40.643	44.934	97.4	0.411	1.434	342.6
360	4.190	4.164	34.183	5.98	27.139	27.142	31.758	36.262	40.658	44.952	96.8	0.431	1.167	362.8
380	4.058	4.030	34.175	6.10	27.146	27.149	31.769	36.276	40.676	44.973	96.2	0.450	1.170	383.0
400	3.950	3.922	34.172	6.13	27.155	27.157	31.780	36.290	40.693	44.992	95.5	0.469	1.219	403.2
450	3.636	3.605	34.160	6.15	27.177	27.180	31.811	36.330	40.740	45.047	93.5	0.517	1.280	453.7
500	3.467	3.433	34.170	6.08	27.202	27.205	31.841	36.364	40.778	45.089	91.3	0.563	1.302	504.1
550	3.329	3.292	34.179	5.90	27.222	27.225	31.865	36.392	40.810	45.124	89.6	0.608	1.184	554.6
600	3.166	3.126	34.185	5.80	27.242	27.246	31.890	36.421	40.843	45.161	87.8	0.652	1.197	605.1
650	2.991	2.949	34.197	5.70	27.267	27.271	31.920	36.456	40.882	45.205	85.9	0.696	1.338	655.6
700	2.924	2.879	34.215	5.59	27.288	27.292	31.942	36.480	40.908	45.232	83.8	0.738	1.163	706.2
750	2.832	2.783	34.235	5.39	27.312	27.316	31.969	36.509	40.940	45.266	81.7	0.779	1.281	756.7
800	2.818	2.766	34.268	5.14	27.340	27.344	31.998	36.537	40.968	45.295	79.3	0.820	1.329	807.3
900	2.740	2.681	34.327	4.73	27.393	27.398	32.053	36.595	41.028	45.356	74.8	0.897	1.279	908.4
1000	2.756	2.690	34.393	4.43	27.444	27.450	32.105	36.645	41.077	45.405	70.6	0.969	1.198	1009.6
1100	2.725	2.651	34.459	4.20	27.500	27.506	32.161	36.702	41.135	45.463	66.0	1.037	1.314	1110.9
1200	2.705	2.623	34.505	4.13	27.539	27.546	32.201	36.743	41.175	45.504	62.9	1.102	1.105	1212.2
1300	2.579	2.491	34.539	4.04	27.577	27.584	32.243	36.788	41.224	45.555	59.6	1.163	1.059	1313.5
1400	2.632	2.535	34.590	4.09	27.613	27.621	32.278	36.822	41.256	45.586	56.9	1.221	1.032	1414.9
1500	2.697	2.591	34.629	4.13	27.638	27.648	32.303	36.844	41.277	45.605	55.4	1.277	0.894	1516.4
1513	2.700	2.593	34.637	4.20	27.644	27.653	32.309	36.850	41.282	45.610	55.0	1.285	1.151	1530.0

DE	TE	PT	SA	DX	SIL	PO4	N3	N2	ST	SO	S2	S4	PR	FLAG
0	12.988	12.988	34.722	6.09	1.7	0.55	4.70	0.10	26.198	26.198	34.912	43.227	1.	
7	13.001	13.000	34.721		1.7	0.54	4.80	0.10	26.194	26.194	34.908	43.223	7.	
17	13.001	12.999	34.723		1.8	0.54	4.80	0.10	26.196	26.196	34.910	43.225	18.	
26	12.826	12.822	34.707		1.9	0.57	5.30	0.11	26.218	26.219	34.940	43.261	27.	B9
34	11.625	11.621	34.633		2.3	0.68	7.00	0.13	26.393	26.394	35.164	43.530	35.	B1
45	11.062	11.056	34.646	6.25	2.4	0.72	7.30	0.15	26.507	26.508	35.301	43.688	46.	
57	10.456	10.449	34.637		2.4	0.80	8.40	0.20	26.609	26.610	35.428	43.839	58.	
80	9.486	9.477	34.628		3.1	1.01	12.30	0.35	26.767	26.769	35.628	44.078	81.	B9
95	8.658	8.648	34.568	5.99	3.8	1.07	13.60	0.23	26.854	26.855	35.753	44.237	97.	B1
142	7.290	7.277	34.453		7.0	1.39	18.80	0.03	26.968	26.970	35.932	44.475	144.	
193	5.563	5.547	34.262	6.08	9.8	1.64	23.00	0.01	27.045	27.047	36.096	44.719	196.	
293	4.559	4.537	34.201	6.06	12.9	1.85	25.70	0.01	27.113	27.116	36.216	44.888	296.	
389	4.037	4.009	34.217	6.17	16.1	1.86	25.90	0.05	27.182	27.185	36.312	45.009	393.	B1
488	3.581	3.547	34.177	6.03	19.7	1.93	27.70	0.01	27.196	27.199	36.352	45.072	493.	
595	3.232	3.193	34.181	5.86	23.7	2.01	28.80	0.04	27.232	27.236	36.407	45.145	591.	
691	2.885	2.840	34.219	5.45	32.6	2.04	29.30	0.04	27.294	27.298	36.488	45.243	699.	
790	2.821	2.769	34.273	5.09	39.9	2.20	31.80	0.04	27.343	27.348	36.540	45.298	798.	
888	2.754	2.696	34.323	4.77	46.6	2.27	33.20	0.01	27.389	27.394	36.590	45.350	898.	
983	2.740	2.675	34.373	4.56	52.8	2.29	33.50	0.03	27.430	27.436	36.632	45.393	994.	
1069	2.754	2.682	34.432	4.34	58.1	2.29	33.40	0.01	27.476	27.482	36.677	45.436	1081.	
1181	2.700				14.5	1.32	17.80	0.10					1195.	B456
1277	2.583	2.496	34.528	4.09	69.1	2.35	34.00	0.02	27.567	27.575	36.778	45.545	1292.	
1373	2.619	2.525	34.579	4.10	70.4	2.35	33.90	0.00	27.605	27.613	36.814	45.579	1390.	
1489	2.614	2.510	34.613	4.06	72.5	2.32	33.50	0.01	27.632	27.641	36.843	45.608	1507.	

SHIP AT CRUISE 107 STATION 78
START 45 59.83 S 48 59.93 W AT 1712 80/ 1/ 2
WIND = OM/S COR. DEPTH = 5638M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.962	14.962	35.408	5.69	26.311	26.311	30.679	34.943	39.109	43.180	171.9	0.000	0.000	- 0
10	14.849	14.847	35.421	5.98	26.346	26.346	30.716	34.982	39.149	43.223	168.9	0.017	3.312	10.1
20	14.795	14.792	35.429	6.10	26.364	26.365	30.735	35.002	39.171	43.245	167.5	0.034	2.418	20.2
30	14.789	14.784	35.443	6.12	26.376	26.377	30.748	35.015	39.183	43.258	166.6	0.051	1.983	30.2
40	14.799	14.793	35.475	6.09	26.398	26.400	30.770	35.036	39.205	43.279	164.8	0.067	2.639	40.3
50	14.757	14.750	35.511	6.07	26.435	26.437	30.808	35.075	39.244	43.319	161.6	0.083	3.429	50.3
60	14.761	14.752	35.573	5.92	26.482	26.484	30.854	35.121	39.289	43.364	157.5	0.099	3.848	60.4
70	14.787	14.776	35.617	5.70	26.511	26.513	30.883	35.149	39.316	43.390	155.1	0.115	3.007	70.5
80	14.798	14.786	35.629	5.72	26.517	26.520	30.889	35.155	39.322	43.396	154.8	0.131	1.423	80.5
90	14.823	14.819	35.653	5.64	26.528	26.531	30.900	35.164	39.331	43.404	154.1	0.146	1.877	90.6
100	14.898	14.883	35.702	5.54	26.552	26.555	30.922	35.185	39.351	43.422	152.1	0.161	2.727	100.7
120	14.370	14.353	35.607	5.19	26.593	26.597	30.974	35.248	39.423	43.504	148.7	0.191	2.605	120.8
140	14.170	14.149	35.577	5.19	26.613	26.618	30.999	35.277	39.453	43.540	147.4	0.221	1.816	141.0
160	13.958	13.935	35.535	5.17	26.626	26.631	31.017	35.298	39.481	43.569	146.7	0.250	1.475	161.1
180	13.630	13.604	35.471	5.21	26.645	26.650	31.043	35.331	39.520	43.615	145.3	0.280	1.801	181.3
200	13.266	13.238	35.414	5.20	26.676	26.682	31.082	35.377	39.573	43.674	142.9	0.308	2.263	201.4
220	12.365	12.335	35.241	5.20	26.723	26.729	31.147	35.461	39.675	43.793	138.6	0.337	2.824	221.6
240	10.980	10.950	34.977	5.30	26.780	26.785	31.235	35.577	39.819	43.964	133.2	0.364	3.151	241.7
260	10.135	10.104	34.844	5.31	26.825	26.831	31.299	35.660	39.920	44.082	128.9	0.390	2.808	261.9
280	9.068	9.037	34.672	5.32	26.870	26.875	31.368	35.753	40.036	44.220	124.5	0.415	2.828	282.1
300	8.253	8.221	34.547	5.49	26.900	26.905	31.418	35.822	40.123	44.324	121.6	0.440	2.368	302.2
320	6.819	6.790	34.356	5.62	26.957	26.961	31.509	35.948	40.281	44.514	115.6	0.464	3.240	322.4
340	5.302	5.272	34.299	5.77	26.981	26.985	31.546	35.997	40.343	44.588	113.2	0.486	2.103	342.6
360	5.545	5.515	34.228	5.83	27.021	27.025	31.605	36.075	40.439	44.701	109.1	0.509	2.701	362.7
380	5.494	5.462	34.230	5.96	27.028	27.032	31.614	36.085	40.450	44.714	108.6	0.530	1.120	382.9
400	5.325	5.293	34.222	5.92	27.042	27.046	31.633	36.108	40.477	44.744	107.4	0.552	1.564	403.1
450	4.593	4.558	34.177	6.22	27.090	27.094	31.700	36.194	40.581	44.865	102.6	0.605	1.879	453.6
500	4.374	4.337	34.178	6.21	27.115	27.119	31.731	36.230	40.622	44.912	100.6	0.655	1.313	504.1
550	4.240	4.199	34.176	6.19	27.128	27.132	31.748	36.251	40.646	44.939	99.6	0.705	0.974	554.5
600	4.166	4.122	34.183	6.13	27.141	27.146	31.763	36.268	40.666	44.960	98.7	0.755	0.966	605.0
650	4.055	4.007	34.188	6.10	27.157	27.162	31.782	36.290	40.690	44.988	97.6	0.804	1.051	655.5
700	3.910	3.859	34.198	5.99	27.180	27.185	31.809	36.321	40.724	45.025	95.6	0.852	1.267	706.1
750	3.650	3.597	34.202	5.84	27.209	27.214	31.846	36.364	40.774	45.081	92.8	0.900	1.469	756.6
800	3.469	3.412	34.204	5.75	27.228	27.234	31.870	36.393	40.808	45.119	91.0	0.945	1.205	807.1
900	3.157	3.095	34.224	5.53	27.273	27.279	31.924	36.455	40.878	45.197	86.9	1.035	1.364	908.3
1000	3.013	2.944	34.249	5.38	27.307	27.313	31.961	36.497	40.923	45.246	84.1	1.120	1.097	1009.5
1100	2.882	2.807	34.290	5.07	27.351	27.358	32.010	36.548	40.978	45.304	80.2	1.202	1.251	1110.7
1200	2.819	2.736	34.329	4.83	27.388	27.395	32.049	36.589	41.020	45.347	77.2	1.281	1.126	1212.0
1300	2.763	2.673	34.381	4.54	27.434	27.442	32.097	36.638	41.071	45.399	73.3	1.356	1.307	1313.3
1400	2.794	2.695	34.459	4.25	27.494	27.502	32.156	36.696	41.127	45.455	68.5	1.427	1.297	1414.7
1500	2.753	2.647	34.509	4.15	27.537	27.547	32.201	36.742	41.174	45.502	64.9	1.494	1.254	1516.2
1600	3.031	2.912	34.616	4.21	27.597	27.608	32.255	36.788	41.212	45.532	61.1	1.557	1.353	1617.7
1700	3.065	2.937	34.662	4.39	27.631	27.643	32.288	36.820	41.244	45.563	58.8	1.617	1.063	1719.3
1800	3.062	2.926	34.705	4.50	27.666	27.678	32.324	36.856	41.279	45.599	56.2	1.675	1.001	1820.8
1900	2.822	2.680	34.689	4.41	27.675	27.687	32.339	36.878	41.308	45.634	55.0	1.730	0.861	1922.5
2000	2.910	2.757	34.738	4.52	27.706	27.719	32.369	36.905	41.333	45.656	53.2	1.785	1.013	2024.2
2100	2.879	2.717	34.753	4.55	27.721	27.735	32.386	36.923	41.351	45.676	52.3	1.837	0.869	2126.0
2200	2.981	2.808	34.802	4.83	27.750	27.766	32.413	36.948	41.373	45.695	50.8	1.889	0.628	2227.8
2300	2.954	2.772	34.817	4.92	27.765	27.782	32.430	36.966	41.392	45.714	49.9	1.939	0.825	2329.6
2400	2.824	2.634	34.814	4.91	27.774	27.791	32.444	36.982	41.412	45.738	49.0	1.988	0.695	2431.5
2500	2.813	2.613	34.832	5.01	27.789	27.807	32.460	36.999	41.430	45.756	48.1	2.037	0.711	2533.5
2600	2.721	2.513	34.831	5.09	27.797	27.815	32.471	37.013	41.446	45.774	47.5	2.085	0.686	2635.5
2700	2.628	2.412	34.826	5.08	27.802	27.820	32.479	37.024	41.459	45.790	47.0	2.132	0.593	2737.5
2800	2.551	2.326	34.825	5.10	27.807	27.827	32.487	37.035	41.472	45.806	46.5	2.179	0.596	2839.6
2900	2.463	2.230	34.826	5.10	27.816	27.835	32.499	37.049	41.489	45.825	45.7	2.225	0.667	2941.7
3000	2.297	2.057	34.806	5.00	27.814	27.833	32.502	37.056	41.502	45.842	45.2	2.270	0.514	3043.9
3200	1.982	1.729	34.781	4.90	27.820	27.839	32.517	37.081	41.535	45.884	43.2	2.358	0.701	3248.5
3400	1.728	1.461	34.757	4.76	27.819	27.839	32.525	37.097	41.558	45.914	41.9	2.444	0.704	3453.2
3600	1.453	1.171	34.736	4.63	27.823	27.843	32.537	37.117	41.586	45.950	39.8	2.525	0.756	3658.1
3800	1.322	1.022	34.735	4.70	27.832	27.852	32.551	37.135	41.608	45.975	38.4	2.603	0.552	3863.2
4000	1.029	0.715	34.715	4.75	27.836	27.856	32.564	37.157	41.639	46.014	35.6	2.677	0.735	4068.5
4200	0.812	0.483	34.701	4.77	27.839	27.859	32.573	37.173	41.661	46.043	33.5	2.746	0.596	4273.9
4400	0.629	0.283	34.691	4.81	27.842	27.862	32.583	37.188	41.682	46.069	31.6	2.812	0.614	4479.6
4600	0.474	0.110	34.682	4.89	27.844	27.865	32.591	37.201	41.700	46.092	29.8	2.873	0.579	4685.4
4800	0.346	0.036	34.678	4.96	27.848	27.868	32.599	37.214	41.716	46.113	28.1	2.930	0.504	4891.5
5000	0.302	0.103	34.674	4.97	27.847	27.869	32.601	37.218	41.723	46.120	27.7	2.986	0.301	5097.7
5200	0.273	0.155	34.674	5.04	27.849	27.871	32.605	37.223	41.730	46.129	27.2	3.041	0.388	5304.1
5400	0.261	0.192	34.671	5.05	27.847	27.871	32.606	37.225	41.733	46.133	27.2	3.095	0.236	5510.7
5600	0.252	0.226	34.670	5.04	27.847	27.872	32.608	37.228	41.737	46.138	27.1	3.150	0.448	5717.5
5635	0.255	0.227	34.671	5.07	27.847	27.873	32.609	37.229	41.738	46.139	27.2	3.160	0.242	5754.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	14.858	14.858	35.360	5.68	1.0	0.23	0.00	0.00	26.297	26.297	34.933	43.175	0.	B1
44	14.758	14.751	35.467	5.78	1.0	0.23	0.00	0.01	26.401	26.403	35.041	43.285	45.	
93	14.818	14.804	35.667	5.26	2.5	0.43	3.80	0.20	26.542	26.545	35.179	43.419	95.	
296	7.426	7.397	34.494	5.61	7.4	1.40	19.30	0.03	26.981	26.985	35.941	44.478	299.	B1
392	5.333	5.301	34.219	6.16	9.8	1.65	23.20	0.01	27.039	27.043	36.104	44.740	396.	
590	4.196	4.152	34.182	6.27	14.7	1.76	25.20	0.01	27.137	27.142	36.263	44.953	596.	
787	3.511	3.456	34.207	5.76	24.0	1.95	28.40	0.05	27.226	27.232	36.389	45.113	795.	
994	2.944	2.877	34.251	5.33	35.9	2.17	31.60	0.00	27.315	27.321	36.508	45.260	1005.	
1170	2.830	2.750	34.326	4.85	47.0	2.28	32.90	0.01	27.385	27.392	36.585	45.342	1184.	
1378	2.785	2.688	34.442	4.31	57.9	2.37	34.10	0.01	27.481	27.490	36.684	45.443	1395.	
1578	2.984	2.868	34.601	4.28	57.5	2.22	32.10	0.01	27.590	27.600	36.783	45.530	1598.	
1772	2.947	2.815	34.670	4.33	59.7	2.16	31.20	0.00	27.648	27.660	36.844	45.593	1795.	
1971	2.864	2.715	34.720	4.38	62.0	2.08	30.20	0.01	27.696	27.709	36.898	45.651	1997.	
2218	2.992	2.817	34.814	4.80	53.2	1.86	27.00	0.00	27.759	27.775	36.956	45.703	2249.	
2705	2.592	2.376	34.825	4.91	60.9	1.84	26.50	0.01	27.804	27.822	37.027	45.796	2745.	
3199	2.013	1.759	34.785	4.76	81.7	1.95	28.40	0.01	27.820	27.840	37.080	45.881	3251.	
3688	1.362	1.073	34.733	4.64	107.3	2.18	31.40	0.00	27.827	27.847	37.127	45.965	3752.	
4174	0.833	0.506	34.702	4.82	118.1	2.27	32.40	0.00	27.838	27.858	37.171	46.040	4251.	
4177	0.828	0.501	34.702	4.80	118.5	2.27	32.40	0.00	27.838	27.858	37.171	46.041	4254.	
4418	0.630	0.282	34.689	4.86	122.6	2.31	32.70	0.00	27.840	27.860	37.187	46.068	4502.	
4425	0.630	0.281	34.690	4.87	122.6	2.30	32.80	0.00	27.841	27.861	37.187	46.069	4509.	
4665	0.411	0.042	34.679	4.96	125.4	2.33	33.10	0.00	27.845	27.865	37.206	46.101	4756.	
4900	0.318	-0.076	34.674	5.00	127.1	2.35	33.30	0.00	27.846	27.868	37.215	46.116	4998.	
5624	0.256	-0.226	34.666	5.08	130.4	2.37	33.50	0.01	27.843	27.869	37.225	46.135	5747.	

SHIP AT CRUISE 107 STATION 79
START 46 0.00 S 50 0.00 W AT 124 80/ 1/ 3
WIND = 10M/S COR. DEPTH = 5840M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.763	13.763	34.037	4.91	25.511	25.511	29.910	34.205	38.400	42.501	248.0	0.000	0.000	- 0
10	13.618	13.616	34.616	5.98	25.988	25.988	30.386	34.680	38.874	42.974	202.9	.023	12.195	10.1
20	13.449	13.447	34.628	6.24	26.032	26.032	30.433	34.730	38.927	43.030	199.0	.043	3.728	20.2
30	12.674	12.670	34.674	6.38	26.223	26.224	30.640	34.951	39.162	43.278	181.1	.062	7.761	30.2
40	12.558	12.553	34.718	6.40	26.280	26.281	30.699	35.013	39.225	43.343	175.9	.079	4.247	40.3
50	11.422	11.415	34.661	6.43	26.453	26.454	30.896	35.232	39.466	43.605	159.7	.096	7.381	50.3
60	11.105	11.098	34.663	6.33	26.512	26.514	30.962	35.305	39.546	43.690	154.3	.112	4.344	60.4
70	10.904	10.895	34.670	6.40	26.554	26.556	31.009	35.355	39.599	43.748	150.5	.127	3.640	70.5
80	10.729	10.719	34.657	6.39	26.576	26.577	31.034	35.384	39.632	43.784	148.7	.142	2.622	80.6
90	10.104	10.093	34.621	6.35	26.657	26.659	31.130	35.492	39.753	43.917	141.1	.157	5.096	90.6
100	9.349	9.338	34.542	6.28	26.722	26.724	31.211	35.591	39.868	44.047	135.0	.170	4.561	100.7
120	8.716	8.704	34.539	6.12	26.822	26.824	31.326	35.719	40.009	44.201	125.8	.197	3.988	120.9
140	8.106	8.092	34.500	5.88	26.885	26.888	31.404	35.811	40.115	44.319	120.0	.221	3.204	141.0
160	7.616	7.600	34.462	5.80	26.928	26.930	31.458	35.877	40.192	44.407	116.2	.245	2.641	161.2
180	6.755	6.738	34.368	5.80	26.976	26.978	31.527	35.967	40.301	44.535	111.7	.268	2.829	181.3
200	6.398	6.380	34.335	5.63	26.997	26.999	31.558	36.006	40.349	44.591	109.8	.290	1.909	201.5
220	5.926	5.908	34.288	5.65	27.021	27.023	31.594	36.054	40.407	44.660	107.6	.311	2.041	221.7
240	5.704	5.684	34.285	5.59	27.046	27.049	31.625	36.090	40.449	44.707	105.3	.333	2.037	241.8
260	5.345	5.324	34.255	5.56	27.066	27.069	31.654	36.129	40.496	44.762	103.5	.354	1.880	262.0
280	5.091	5.069	34.235	5.61	27.081	27.083	31.676	36.156	40.530	44.802	102.2	.374	1.585	282.2
300	4.871	4.848	34.221	5.58	27.094	27.097	31.694	36.181	40.560	44.838	101.0	.394	1.548	302.3
320	4.697	4.673	34.211	5.63	27.106	27.108	31.711	36.202	40.586	44.867	100.0	.415	1.434	322.5
340	4.528	4.502	34.199	5.62	27.115	27.118	31.725	36.221	40.608	44.894	99.1	.434	1.325	342.7
360	4.394	4.367	34.191	5.68	27.123	27.126	31.737	36.236	40.627	44.915	98.5	.454	1.195	362.9
380	4.283	4.255	34.186	5.74	27.131	27.134	31.748	36.250	40.644	44.935	97.8	.474	1.224	383.0
400	4.220	4.190	34.183	5.79	27.136	27.139	31.754	36.258	40.653	44.946	97.5	.493	.911	403.2
450	3.854	3.823	34.158	6.04	27.154	27.157	31.783	36.295	40.700	45.002	95.9	.542	1.183	453.7
500	3.764	3.729	34.170	6.04	27.172	27.176	31.804	36.319	40.726	45.030	94.5	.589	1.111	504.2
550	3.561	3.523	34.168	5.98	27.191	27.195	31.828	36.349	40.761	45.070	92.8	.636	1.170	554.7
600	3.472	3.430	34.184	5.94	27.212	27.216	31.852	36.375	40.789	45.100	91.1	.682	1.193	605.2
650	3.333	3.289	34.184	5.84	27.225	27.229	31.869	36.396	40.814	45.128	90.0	.727	.994	655.7
700	3.169	3.122	34.202	5.69	27.255	27.259	31.903	36.434	40.856	45.175	87.3	.772	1.429	706.3
750	3.049	2.999	34.211	5.61	27.273	27.278	31.925	36.459	40.884	45.206	85.7	.815	1.154	756.8
800	3.044	2.991	34.235	5.42	27.293	27.298	31.945	36.479	40.905	45.226	84.1	.857	1.116	807.4
900	2.842	2.783	34.274	5.17	27.342	27.347	32.000	36.539	40.969	45.296	79.8	.939	1.290	908.5
1000	2.791	2.724	34.323	4.86	27.385	27.391	32.045	36.586	41.017	45.344	76.2	1.017	1.243	1009.8
1100	2.736	2.662	34.378	4.56	27.434	27.441	32.096	36.638	41.070	45.399	72.1	1.092	1.278	1111.0
1200	2.827	2.745	34.452	4.36	27.485	27.492	32.145	36.683	41.114	45.439	68.2	1.162	1.264	1212.3
1300	2.782	2.692	34.496	4.23	27.524	27.532	32.185	36.726	41.156	45.483	65.1	1.228	1.132	1313.7
1400	2.775	2.676	34.540	4.22	27.560	27.569	32.222	36.762	41.193	45.520	62.3	1.292	1.095	1415.1
1490	2.744	2.639	34.578	4.14	27.593	27.602	32.257	36.797	41.229	45.557	59.7	1.347	.992	1507.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	13.786	13.786	34.375	5.98	1.5	0.54	4.20	0.08	25.767	25.767	34.456	42.747	1.	B1
8	13.628	13.626	34.586		1.3	0.51	4.30	0.09	25.962	25.963	34.654	42.948	9.	
18	13.391	13.388	34.644		1.2	0.54	4.80	0.09	26.056	26.056	34.756	43.058	19.	
27	12.898	12.895	34.678		1.2	0.56	5.10	0.10	26.182	26.182	34.901	43.220	28.	B9
36	12.364	12.359	34.627		1.3	0.62	6.10	0.12	26.247	26.248	34.989	43.327	37.	
46	11.845	11.839	34.699	6.18	1.6	0.65	6.20	0.18	26.403	26.404	35.164	43.521	47.	
55	11.502	11.495	34.706		1.8	0.71	7.00	0.23	26.473	26.474	35.248	43.617	56.	B1
75	11.402	11.393	34.826		2.3	0.80	8.90	0.30	26.584	26.586	35.362	43.735	76.	
94	9.748	9.738	34.610	5.90	3.0	1.02	12.90	0.31	26.709	26.711	35.560	43.999	95.	
142	7.791	7.777	34.467	5.96	5.1	1.31	17.70	0.05	26.906	26.909	35.847	44.369	144.	
196	7.015	6.996	34.418	5.95	6.6	1.43	19.70	0.01	26.979	26.982	35.957	44.514	198.	
293	5.111	5.088	34.248	5.79	11.1	1.79	25.40	0.00	27.088	27.091	36.163	44.808	296.	
393	4.240	4.211	34.191	6.02	13.6	1.83	26.30	0.01	27.140	27.143	36.260	44.948	397.	
491	3.822	3.787	34.176	6.09	15.9	1.88	27.20	0.00	27.171	27.175	36.315	45.023	496.	
588	3.414	3.373	34.171	5.98	19.9	1.96	28.20	0.02	27.207	27.211	36.373	45.102	595.	
687	3.176	3.129	34.184	5.80	24.1	1.97	28.80	0.02	27.240	27.244	36.419	45.160	695.	
789	3.056	3.004	34.230	5.42	31.2	2.11	30.70	0.00	27.288	27.292	36.473	45.220	797.	
882	2.844	2.785	34.262	5.23	37.5	2.19	31.90	0.00	27.332	27.337	36.530	45.286	891.	
984	2.789	2.723	34.316	4.87	44.8	2.27	33.00	0.00	27.380	27.386	36.581	45.340	995.	
1082	2.756	2.683	34.368	4.57	51.5	2.32	33.70	0.00	27.425	27.431	36.627	45.387	1094.	
1180	2.758	2.677	34.428	4.37	58.2	2.36	34.30	0.00	27.472	27.479	36.675	45.434	1193.	
1279	2.716	2.628	34.477	4.21	62.9	2.37	34.30	0.00	27.515	27.523	36.720	45.481	1295.	
1376	2.772	2.676	34.532	4.14	62.2	2.34	33.90	0.00	27.554	27.562	36.756	45.514	1392.	
1492	2.723	2.617	34.580	4.11	65.6	2.31	33.60	0.00	27.597	27.606	36.802	45.562	1511.	B9

SHIP AT CRUISE 107 STATION 80
START 45 59.92 S 51 4.86 W AT 642 80/ 1/ 3
WIND = 10M/S COR. DEPTH = 6055M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	15.903	15.903	35.253	5.13	25.981	25.981	30.332	34.581	38.732	42.789	203.3	0.000	0.000	- .0
10	15.982	15.981	35.273	6.41	25.978	25.979	30.329	34.576	38.725	42.782	203.8	.020	- .820	10.1
20	16.078	16.075	35.390	6.42	26.045	26.046	30.394	34.639	38.786	42.840	197.8	.040	4.602	20.2
30	16.057	16.052	35.385	6.45	26.047	26.048	30.396	34.641	38.789	42.844	197.9	.060	.749	30.2
40	16.089	16.082	35.411	6.44	26.059	26.061	30.408	34.653	38.800	42.854	197.1	.080	2.013	40.3
50	16.241	16.233	35.492	6.37	26.086	26.088	30.432	34.674	38.818	42.869	194.9	.100	2.913	50.3
60	16.388	16.378	35.587	6.27	26.126	26.128	30.469	34.707	38.848	42.897	191.4	.119	3.526	60.4
70	16.279	16.268	35.564	6.18	26.133	26.136	30.478	34.719	38.862	42.912	191.1	.138	1.562	70.5
80	15.140	15.128	35.359	5.94	26.234	26.237	30.602	34.863	39.026	43.096	181.6	.157	5.685	80.5
90	13.155	13.143	34.944	5.95	26.336	26.338	30.743	35.044	39.244	43.350	172.0	.174	5.729	90.6
100	13.045	13.031	35.083	5.86	26.466	26.468	30.874	35.176	39.378	43.485	160.0	.191	6.386	100.7
120	12.900	12.884	35.178	5.62	26.568	26.571	30.980	35.283	39.487	43.596	150.8	.222	4.018	120.8
140	12.610	12.591	35.176	5.38	26.624	26.628	31.043	35.352	39.561	43.675	145.9	.252	3.008	141.0
160	11.286	11.266	34.940	5.40	26.694	26.698	31.141	35.478	39.713	43.853	139.5	.280	3.403	161.1
180	9.747	9.726	34.698	5.49	26.778	26.782	31.259	35.630	39.897	44.068	131.5	.307	3.747	181.3
200	8.890	8.868	34.603	5.43	26.844	26.848	31.345	35.735	40.021	44.209	125.3	.333	3.309	201.4
220	8.432	8.409	34.564	5.40	26.886	26.890	31.398	35.798	40.094	44.292	121.5	.358	2.628	221.6
240	8.344	8.319	34.588	5.52	26.919	26.922	31.433	35.835	40.132	44.331	118.8	.382	2.284	241.7
260	7.660	7.634	34.482	5.54	26.938	26.942	31.469	35.887	40.200	44.414	117.0	.405	1.917	261.9
280	7.054	7.028	34.412	5.46	26.969	26.972	31.514	35.947	40.274	44.502	114.0	.428	2.330	282.1
300	6.565	6.538	34.361	5.47	26.995	26.999	31.553	35.997	40.336	44.575	111.5	.451	2.176	302.2
320	6.556	6.527	34.393	5.36	27.022	27.026	31.580	36.024	40.363	44.602	109.3	.473	2.055	322.4
340	5.740	5.711	34.286	5.51	27.042	27.046	31.621	36.086	40.444	44.702	107.0	.495	2.062	342.6
360	5.262	5.233	34.220	6.09	27.048	27.052	31.640	36.117	40.487	44.755	106.3	.516	1.256	362.7
380	4.915	4.885	34.202	6.29	27.074	27.077	31.675	36.160	40.539	44.815	103.8	.537	2.136	382.9
400	4.576	4.546	34.171	6.62	27.088	27.091	31.698	36.191	40.579	44.864	102.4	.558	1.655	403.1
450	4.549	4.515	34.202	6.41	27.115	27.119	31.726	36.220	40.608	44.893	100.3	.608	1.317	453.6
500	4.334	4.296	34.202	6.33	27.139	27.143	31.755	36.256	40.649	44.939	98.3	.658	1.293	504.1
550	4.334	4.293	34.224	6.23	27.156	27.160	31.773	36.273	40.666	44.956	97.1	.707	1.049	554.5
600	4.116	4.072	34.219	6.08	27.175	27.180	31.798	36.304	40.703	44.998	95.5	.755	1.201	605.0
650	3.875	3.828	34.212	6.04	27.194	27.199	31.824	36.336	40.741	45.042	93.7	.802	1.208	655.5
700	3.632	3.583	34.202	6.03	27.210	27.215	31.847	36.366	40.776	45.084	92.3	.849	1.132	706.1
750	3.409	3.357	34.206	5.99	27.236	27.241	31.878	36.403	40.819	45.132	89.9	.894	1.368	756.6
800	3.149	3.095	34.206	5.99	27.260	27.265	31.909	36.441	40.864	45.183	87.5	.939	1.358	807.2
900	3.023	2.962	34.252	5.53	27.308	27.314	31.962	36.496	40.922	45.244	83.3	1.024	1.323	908.3
1000	2.896	2.829	34.297	5.22	27.356	27.362	32.013	36.551	40.980	45.305	79.2	1.105	1.167	1009.5
1100	2.837	2.762	34.343	4.88	27.398	27.404	32.057	36.596	41.027	45.353	75.8	1.182	1.035	1110.7
1200	2.759	2.677	34.395	4.63	27.446	27.453	32.108	36.649	41.081	45.409	71.7	1.256	1.144	1212.0
1300	2.749	2.659	34.455	4.41	27.495	27.502	32.157	36.698	41.131	45.459	67.7	1.326	1.293	1313.4
1400	2.602	2.506	34.497	4.24	27.541	27.549	32.207	36.752	41.188	45.520	63.5	1.392	1.461	1414.8
1500	2.623	2.518	34.545	4.23	27.578	27.587	32.245	36.789	41.224	45.555	60.7	1.454	1.042	1516.2
1600	2.751	2.637	34.599	4.38	27.610	27.620	32.274	36.814	41.246	45.573	58.9	1.513	.910	1617.7
1700	2.899	2.773	34.668	4.53	27.651	27.663	32.312	36.849	41.276	45.600	56.2	1.571	1.062	1719.3
1800	2.938	2.803	34.703	4.67	27.675	27.687	32.336	36.871	41.298	45.620	54.9	1.627	.817	1820.9
1900	2.917	2.774	34.736	4.75	27.704	27.717	32.366	36.902	41.328	45.652	52.8	1.680	.880	1922.6
2000	2.910	2.757	34.762	4.97	27.725	27.739	32.388	36.924	41.352	45.675	51.4	1.732	.925	2024.3
2100	3.036	2.872	34.808	5.07	27.750	27.765	32.411	36.943	41.367	45.687	50.4	1.783	.842	2126.0
2200	3.019	2.845	34.822	5.26	27.763	27.779	32.425	36.958	41.383	45.703	49.8	1.834	.712	2227.8
2300	2.762	2.583	34.797	5.22	27.766	27.782	32.436	36.976	41.407	45.735	48.8	1.883	.742	2329.7
2400	2.843	2.652	34.830	5.29	27.795	27.802	32.454	36.992	41.422	45.747	48.1	1.931	.683	2431.6
2500	2.790	2.591	34.838	5.47	27.797	27.814	32.468	37.008	41.439	45.765	47.3	1.979	.602	2533.5
2600	2.680	2.473	34.833	5.41	27.802	27.820	32.477	37.020	41.454	45.784	46.7	2.026	.642	2635.5
2700	2.513	2.300	34.822	5.50	27.808	27.826	32.488	37.035	41.474	45.808	45.7	2.072	.792	2737.6
2800	2.419	2.197	34.819	5.45	27.814	27.832	32.497	37.047	41.489	45.825	45.1	2.118	.668	2839.7
2900	2.335	2.105	34.815	5.34	27.817	27.836	32.504	37.057	41.501	45.839	44.6	2.162	.525	2941.8
3000	2.224	1.986	34.806	5.31	27.819	27.839	32.509	37.066	41.512	45.855	44.1	2.207	.612	3044.0
3200	1.840	1.590	34.765	5.00	27.818	27.836	32.519	37.086	41.544	45.896	42.2	2.293	.738	3248.5
3400	1.597	1.332	34.748	4.86	27.823	27.842	32.531	37.106	41.571	45.930	40.5	2.376	.695	3453.2
3600	1.347	1.068	34.728	4.71	27.824	27.843	32.541	37.123	41.595	45.962	38.8	2.455	.618	3658.2
3800	1.196	.899	34.721	4.74	27.829	27.849	32.552	37.139	41.615	45.986	37.4	2.531	.615	3863.2
4000	1.016	.703	34.714	4.77	27.836	27.856	32.564	37.157	41.639	46.015	35.5	2.604	.690	4068.5
4200	.801	.472	34.700	4.91	27.839	27.859	32.574	37.174	41.662	46.045	33.4	2.673	.707	4274.0
4400	.636	.290	34.691	4.90	27.841	27.862	32.582	37.187	41.681	46.068	31.7	2.738	.578	4479.7
4600	.473	.109	34.684	4.97	27.845	27.866	32.592	37.202	41.701	46.093	29.7	2.800	.571	4685.5
4800	.367	-.016	34.679	5.00	27.848	27.869	32.598	37.212	41.715	46.110	28.4	2.858	.548	4891.5
5000	.311	-.094	34.674	5.01	27.847	27.869	32.601	37.217	41.722	46.120	27.8	2.914	.386	5097.8
5200	.292	-.137	34.674	5.04	27.848	27.871	32.604	37.221	41.728	46.126	27.5	2.969	.394	5304.2
5400	.290	-.163	34.672	5.04	27.846	27.870	32.605	37.223	41.729	46.129	27.7	3.024	.237	5510.8
5600	.295	-.184	34.672	5.01	27.846	27.871	32.606	37.225	41.732	46.133	27.8	3.080	.196	5717.5
5800	.305	-.200	34.669	5.09	27.843	27.870	32.605	37.225	41.733	46.133	28.2	3.136	.161	5924.5
6000	.315	-.217	34.669	5.06	27.843	27.871	32.607	37.226	41.735	46.136	28.4	3.193	.082	6131.6
6054	.321	-.219	34.669	5.11	27.842	27.871	32.607	37.226	41.735	46.136	28.6	3.208	-.637	6188.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
4	15.653	15.652	35.179	5.67	2.5	0.30	0.40	0.02	25.981	25.981	34.591	42.809	4.	
45	15.453	15.446	35.177	5.69	2.3	0.30	0.50	0.02	26.024	26.026	34.643	42.868	46.	
93	12.949	12.936	35.097	5.22	4.4	0.77	8.70	0.18	26.495	26.498	35.209	43.521	94.	
164	10.520	10.500	34.856	5.25	6.1	1.09	13.90	0.05	26.768	26.771	35.584	43.990	166.	
194	9.155	9.134	34.647	5.52	6.3	1.26	16.10	0.02	26.836	26.840	35.714	44.177	197.	
300	5.899	5.873	34.287	5.98	9.9	1.62	22.50	0.07	27.024	27.027	36.039	44.667	304.	B1
392	4.846	4.815	34.202	6.23	12.0	1.66	23.80	0.01	27.082	27.086	36.172	44.830	396.	
605	3.719	3.677	34.171	6.15	19.2	1.97	27.30	0.01	27.177	27.182	36.327	45.041	611.	
785	3.170	3.117	34.216	5.57	30.0	2.04	30.00	0.00	27.266	27.271	36.446	45.187	794.	
978	2.903	2.837	34.296	5.01	42.6	2.25	32.50	0.00	27.354	27.360	36.549	45.302	988.	
1181	2.765	2.684	34.378	4.53	54.5	2.34	34.00	0.00	27.432	27.439	36.634	45.395	1195.	
1377	2.735	2.639	34.497	4.18	63.0	2.37	34.20	0.00	27.529	27.538	36.734	45.495	1393.	
1569	2.742	2.629	34.582	4.11	67.5	2.31	33.40	0.00	27.597	27.606	36.802	45.561	1589.	
1768	2.751	2.621	34.663	4.19	67.8	2.20	32.10	0.00	27.660	27.672	36.866	45.625	1791.	
1965	2.870	2.720	34.755	4.45	61.6	2.03	29.40	0.02	27.723	27.736	36.924	45.676	1991.	
2453	2.763	2.569	34.830	4.87	57.0	1.77	25.90	0.03	27.793	27.810	37.004	45.763	2488.	
2924	2.181	1.952	34.790	4.71	78.1	1.97	28.50	0.01	27.810	27.829	37.058	45.849	2969.	
3441	1.478	1.212	34.735	4.57	106.0	2.21	31.80	0.00	27.821	27.839	37.111	45.942	3498.	
3909	1.068	0.763	34.707	4.70	114.3	2.24	32.00	0.00	27.827	27.846	37.144	45.999	3979.	
4395	0.619	0.273	34.691	4.86	123.6	2.32	32.80	0.00	27.842	27.863	37.189	46.071	4478.	B89 B1
4911	0.338	-0.058	34.688	5.00	127.8	2.34	33.20	0.00	27.857	27.878	37.224	46.124	5010.	
5401	0.290	-0.164	34.673	5.04	129.8	2.35	33.20	0.01	27.847	27.871	37.224	46.130	5516.	
5889	0.310	-0.208	34.666		116.9	2.29	32.50	0.00	27.840	27.868	37.223	46.132	6021.	D567
6034	0.320	-0.218	34.669	5.09	130.8	2.37	33.40	0.01	27.842	27.871	37.227	46.136	6172.	

SHIP AT CRUISE 107 STATION 81
START 45 59.93 S 52 3.44 W AT 2208 80/ 1/ 3
WIND = 31M/S COR. DEPTH = 6020M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.858	13.858	34.496	6.02	25.845	25.845	30.240	34.529	38.720	42.816	216.2	0.000	0.000	-0
10	13.894	13.892	34.480	6.73	25.825	25.826	30.219	34.509	38.699	42.795	218.3	0.022	-2.458	10.1
20	13.900	13.897	34.478	6.74	25.823	25.823	30.217	34.507	38.697	42.792	218.9	0.044	-4.858	20.1
30	13.475	13.470	34.446	6.71	25.886	25.887	30.289	34.587	38.785	42.887	213.1	0.065	-4.469	30.2
40	11.211	11.206	34.459	7.01	26.335	26.336	30.783	35.125	39.365	43.509	170.7	0.084	11.885	40.3
50	10.138	10.133	34.417	7.06	26.492	26.493	30.964	35.328	39.590	43.754	155.8	0.101	7.055	50.3
60	8.875	8.869	34.372	6.97	26.666	26.667	31.166	35.557	39.845	44.035	139.5	0.115	7.412	60.4
70	8.126	8.119	34.341	6.75	26.758	26.759	31.276	35.684	39.988	44.193	130.8	0.129	5.398	70.5
80	7.296	7.288	34.327	6.63	26.868	26.869	31.406	35.833	40.155	44.378	120.4	0.142	5.924	80.5
90	7.448	7.439	34.434	6.44	26.931	26.932	31.464	35.887	40.205	44.423	114.7	0.153	4.413	90.6
100	6.696	6.687	34.349	6.42	26.968	26.970	31.520	35.961	40.297	44.532	111.1	0.165	3.520	100.7
120	5.671	5.661	34.235	6.50	27.011	27.012	31.589	36.055	40.416	44.674	107.1	0.186	2.664	120.8
140	5.138	5.127	34.196	6.40	27.044	27.045	31.636	36.116	40.489	44.760	104.1	0.208	2.343	141.0
160	4.898	4.886	34.189	6.32	27.066	27.068	31.665	36.150	40.529	44.806	102.1	0.228	1.910	161.2
180	4.612	4.598	34.169	6.25	27.082	27.083	31.688	36.181	40.567	44.851	100.7	0.248	1.632	181.3
200	4.522	4.508	34.167	6.34	27.090	27.092	31.699	36.195	40.583	44.868	100.1	0.269	1.192	201.5
220	4.286	4.270	34.154	6.42	27.105	27.107	31.721	36.222	40.616	44.908	98.7	0.288	1.605	221.6
240	4.114	4.097	34.143	6.45	27.115	27.117	31.735	36.241	40.639	44.935	97.9	0.308	1.306	241.8
260	4.082	4.064	34.150	6.45	27.124	27.126	31.745	36.252	40.651	44.947	97.2	0.328	1.208	262.0
280	4.094	4.074	34.159	6.39	27.130	27.132	31.751	36.257	40.656	44.952	96.9	0.347	964	282.1
300	4.060	4.039	34.166	6.31	27.139	27.141	31.761	36.268	40.668	44.964	96.2	0.366	1.203	302.3
320	3.957	3.935	34.164	6.29	27.148	27.150	31.773	36.283	40.685	44.984	95.4	0.385	1.253	322.5
340	3.898	3.874	34.170	6.25	27.159	27.161	31.785	36.296	40.700	45.001	94.5	0.404	1.326	342.6
360	3.879	3.853	34.177	6.20	27.166	27.169	31.793	36.305	40.709	45.010	94.0	0.423	1.116	362.8
380	3.773	3.747	34.174	6.15	27.175	27.177	31.805	36.319	40.726	45.030	93.2	0.442	1.236	383.0
400	3.614	3.587	34.165	6.15	27.183	27.186	31.817	36.336	40.747	45.054	92.5	0.461	1.246	403.2
450	3.492	3.461	34.174	5.99	27.202	27.205	31.840	36.362	40.776	45.087	90.9	0.506	1.149	453.7
500	3.301	3.268	34.178	5.95	27.224	27.227	31.867	36.394	40.813	45.128	89.0	0.551	1.228	504.2
550	3.176	3.140	34.185	5.83	27.241	27.244	31.888	36.418	40.840	45.158	87.6	0.596	1.084	554.6
600	3.018	2.979	34.189	5.79	27.259	27.262	31.910	36.445	40.871	45.193	86.0	0.639	1.142	605.2
650	2.848	2.806	34.200	5.67	27.283	27.287	31.939	36.479	40.909	45.235	83.8	0.681	1.306	655.7
700	2.768	2.723	34.229	5.44	27.313	27.317	31.971	36.513	40.945	45.273	81.2	0.723	1.402	706.2
750	2.687	2.639	34.247	5.31	27.334	27.338	31.995	36.539	40.973	45.303	79.3	0.763	1.204	756.7
800	2.712	2.660	34.275	5.10	27.355	27.359	32.015	36.558	40.992	45.321	77.7	0.802	1.123	807.3
900	2.694	2.635	34.330	4.73	27.399	27.405	32.061	36.604	41.038	45.367	74.1	0.878	1.309	908.4
1000	2.709	2.642	34.379	4.41	27.438	27.443	32.099	36.641	41.075	45.403	71.1	0.951	948	1009.6
1100	2.709	2.635	34.444	4.14	27.489	27.496	32.151	36.693	41.126	45.455	66.9	1.019	1.198	1110.9
1200	2.663	2.582	34.489	3.98	27.529	27.537	32.193	36.736	41.170	45.500	63.6	1.085	1.145	1212.2
1300	2.715	2.626	34.542	3.96	27.567	27.575	32.230	36.771	41.203	45.531	60.9	1.147	1.033	1313.6
1400	2.620	2.523	34.574	3.92	27.601	27.609	32.267	36.810	41.245	45.576	58.0	1.207	1.235	1415.0
1500	2.461	2.358	34.575	3.88	27.615	27.624	32.286	36.834	41.273	45.608	56.7	1.264	797	1516.4
1600	2.677	2.563	34.635	4.01	27.644	27.654	32.310	36.852	41.286	45.614	55.4	1.320	801	1617.9
1700	2.661	2.539	34.662	4.08	27.667	27.678	32.334	36.877	41.311	45.640	53.8	1.375	677	1719.5
1800	2.799	2.666	34.711	4.28	27.694	27.706	32.358	36.897	41.327	45.653	52.5	1.428	902	1821.1
1900	2.535	2.397	34.689	4.29	27.700	27.712	32.372	36.918	41.355	45.688	51.3	1.480	747	1922.8
2000	2.787	2.636	34.755	4.56	27.731	27.744	32.397	36.936	41.367	45.693	50.3	1.530	701	2024.5
2100	2.624	2.467	34.745	4.69	27.737	27.751	32.409	36.952	41.387	45.718	49.5	1.580	687	2126.2
2200	2.723	2.554	34.789	4.69	27.763	27.778	32.433	36.974	41.406	45.734	48.2	1.629	868	2228.0
2300	2.541	2.366	34.773	4.76	27.766	27.781	32.441	36.988	41.425	45.758	47.5	1.677	745	2329.9
2400	2.321	2.140	34.747	4.57	27.765	27.779	32.446	36.999	41.442	45.781	46.9	1.724	612	2431.8
2500	2.347	2.156	34.767	4.54	27.778	27.794	32.460	37.012	41.455	45.793	46.3	1.771	523	2533.7
2600	2.218	2.020	34.761	4.58	27.784	27.800	32.470	37.026	41.472	45.814	45.4	1.817	778	2635.7
2700	2.191	1.984	34.770	4.65	27.793	27.810	32.481	37.038	41.485	45.827	44.9	1.862	649	2737.8
2800	2.168	1.951	34.777	4.70	27.801	27.818	32.490	37.048	41.496	45.839	44.5	1.907	497	2839.9
2900	2.143	1.917	34.787	4.72	27.811	27.829	32.502	37.061	41.509	45.854	43.8	1.951	664	2942.0
3000	2.154	1.917	34.807	5.05	27.826	27.845	32.518	37.076	41.525	45.869	43.0	1.994	689	3044.2
3200	1.910	1.659	34.787	5.02	27.830	27.849	32.529	37.094	41.550	45.901	41.7	2.079	579	3248.7
3400	1.601	1.336	34.754	4.79	27.827	27.846	32.535	37.110	41.575	45.934	40.2	2.161	638	3453.5
3600	1.373	1.093	34.734	4.73	27.827	27.846	32.543	37.125	41.596	45.962	38.8	2.240	696	3658.4
3800	1.191	.895	34.724	4.75	27.832	27.852	32.554	37.142	41.618	45.989	37.1	2.316	684	3863.5
4000	1.008	.695	34.714	4.76	27.836	27.856	32.565	37.158	41.641	46.017	35.4	2.388	651	4068.7
4200	.823	.494	34.702	4.77	27.839	27.859	32.573	37.173	41.661	46.042	33.6	2.458	691	4274.2
4400	.643	.297	34.693	4.88	27.842	27.863	32.583	37.188	41.681	46.069	31.7	2.523	649	4479.9
4600	.514	.149	34.684	4.87	27.845	27.866	32.590	37.200	41.698	46.088	30.2	2.584	544	4685.7
4800	.402	.017	34.681	4.93	27.847	27.868	32.597	37.210	41.711	46.106	28.8	2.643	525	4891.8
5000	.337	-.069	34.677	4.99	27.848	27.870	32.601	37.216	41.721	46.118	28.1	2.700	497	5098.0
5200	.305	-.124	34.674	5.02	27.847	27.870	32.603	37.220	41.726	46.124	27.8	2.756	237	5304.4
5400	.291	-.162	34.672	5.06	27.846	27.870	32.605	37.223	41.730	46.129	27.7	2.811	218	5511.0
5600	.291	-.188	34.672	5.08	27.847	27.872	32.607	37.226	41.733	46.134	27.7	2.867	189	5717.8
5800	.299	-.206	34.670	5.11	27.844	27.870	32.606	37.226	41.734	46.134	28.1	2.922	186	5924.7
6000	.320	-.212	34.671	5.09	27.844	27.872	32.608	37.227	41.735	46.137	28.4	2.979	085	6131.8
6052	.327	-.212	34.671	5.07	27.843	27.872	32.608	37.228	41.736	46.137	28.6	2.994	1.060	6186.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
4	13.863	13.862	34.498	5.93	0.9	0.51	3.80	0.06	25.846	25.846	34.530	42.817	5.	
45	12.307	12.301	34.590	6.19	1.3	0.65	5.60	0.09	26.230	26.231	34.974	43.315	46.	
99	7.029	7.020	34.271	6.19	4.4	1.36	17.70	0.43	26.861	26.863	35.840	44.397	101.	B9
142	6.719	6.706	34.406	6.45	6.5	1.45	20.10	0.03	27.010	27.012	36.002	44.571	144.	
198	5.114	5.099	34.202	6.04	9.1	1.68	23.80	0.01	27.051	27.053	36.125	44.770	200.	
299	4.027	4.006	34.145	6.30	11.7	1.75	25.00	0.01	27.126	27.128	36.257	44.955	303.	
693	2.768	2.724	34.208	5.62	32.3	2.13	31.00	0.00	27.296	27.300	36.496	45.257	700.	
887	2.672	2.614	34.322	4.87	46.8	2.29	33.40	0.01	27.395	27.400	36.601	45.365	897.	
1080	2.765	2.692	34.432	4.38	56.4	2.35	34.20	0.01	27.475	27.481	36.676	45.434	1092.	
1283	2.643	2.555	34.535	4.11	66.4	2.36	34.40	0.00	27.568	27.575	36.776	45.540	1298.	
1480	2.412	2.311	34.574	3.99	77.5	2.40	34.80	0.00	27.619	27.627	36.840	45.616	1498.	
1673	2.384	2.267	34.595	3.99	80.0	2.38	34.50	0.00	27.638	27.647	36.862	45.640	1694.	
1972	2.730	2.582	34.745	4.41	67.7	2.07	30.30	0.00	27.728	27.741	36.936	45.695	1998.	
2266	2.619	2.446	34.769	4.52	71.4	2.02	29.30	0.02	27.757	27.772	36.974	45.740	2297.	B1
2557	2.334	2.138	34.781	4.57	76.6	1.96	29.00	0.06	27.790	27.807	37.026	45.807	2595.	
2954	2.237	2.004	34.813	4.90	72.0	1.87	27.20	0.01	27.824	27.843	37.069	45.857	3000.	
3442	1.501	1.234	34.744	4.65	103.3	2.14	31.20	0.00	27.826	27.845	37.115	45.945	3499.	
3929	1.068	0.761	34.716	4.76	115.1	2.21	32.10	0.00	27.834	27.854	37.152	46.007	3999.	
4408	0.629	0.282	34.691	4.86	123.7	2.29	32.90	0.00	27.842	27.862	37.188	46.070	4492.	
4913	0.366	-0.031	34.680	5.01	127.8	2.31	33.10	0.00	27.848	27.870	37.215	46.113	5012.	
5395	0.292	-0.161	34.675	5.04	129.3	2.33	33.20	0.00	27.849	27.873	37.225	46.131	5510.	
5397	0.291	-0.162	34.673	5.08	129.0	2.33	33.30	0.00	27.847	27.871	37.224	46.130	5512.	
6031	0.327	-0.211	34.670	5.07	130.6	2.34	33.40	0.00	27.843	27.871	37.227	46.136	6168.	

SHIP AT CRUISE 107 STATION 82
START 45 59.14 S 52 29.38 W AT 1953 80/ 1/ 4
WIND = 30M/S COR. DEPTH = 6051M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.165	13.165	34.357	6.50	25.880	25.880	30.288	34.592	38.796	42.905	212.9	0.000	0.000	- .0
10	13.167	13.165	34.357	6.72	25.880	25.880	30.288	34.592	38.796	42.905	213.2	.021	-.058	10.1
20	13.161	13.158	34.356	6.62	25.880	25.881	30.289	34.593	38.798	42.907	213.4	.043	.481	20.1
30	13.168	13.164	34.358	6.60	25.880	25.881	30.289	34.593	38.797	42.907	213.7	.064	.272	30.2
40	12.910	12.903	34.368	6.56	25.939	25.940	30.354	34.663	38.872	42.985	208.3	.085	4.326	40.3
50	10.052	10.047	34.368	6.95	26.469	26.470	30.943	35.309	39.573	43.739	158.0	.103	12.921	50.3
60	9.781	9.774	34.338	6.82	26.491	26.492	30.972	35.343	39.613	43.785	156.1	.119	2.660	60.4
70	9.343	9.335	34.354	6.74	26.576	26.578	31.067	35.448	39.726	43.906	148.2	.134	5.190	70.5
80	7.974	7.966	34.264	6.80	26.720	26.721	31.242	35.654	39.962	44.171	134.6	.148	6.764	80.5
90	7.624	7.616	34.267	6.73	26.774	26.775	31.305	35.724	40.040	44.256	129.6	.162	4.144	90.6
100	6.855	6.846	34.241	6.70	26.862	26.863	31.411	35.849	40.181	44.414	121.3	.174	5.299	100.7
120	6.013	6.003	34.220	6.57	26.956	26.957	31.526	35.984	40.336	44.587	112.4	.198	3.888	120.8
140	5.723	5.711	34.256	6.42	27.021	27.022	31.598	36.062	40.421	44.679	106.5	.219	3.210	141.0
160	4.899	4.887	34.171	6.39	27.052	27.053	31.650	36.136	40.515	44.792	103.5	.240	2.313	161.1
180	4.583	4.570	34.155	6.34	27.074	27.075	31.681	36.175	40.562	44.846	101.5	.261	1.930	181.3
200	4.287	4.272	34.143	6.32	27.097	27.098	31.712	36.213	40.607	44.899	99.4	.281	1.946	201.5
220	4.391	4.375	34.171	6.22	27.108	27.109	31.720	36.219	40.610	44.899	98.6	.301	1.291	221.6
240	4.247	4.229	34.161	6.23	27.115	27.117	31.732	36.234	40.629	44.921	98.0	.321	1.166	241.8
260	4.155	4.137	34.156	6.24	27.121	27.123	31.740	36.245	40.642	44.937	97.6	.340	1.019	261.9
280	4.044	4.024	34.155	6.27	27.132	27.134	31.754	36.262	40.662	44.959	96.6	.359	1.353	282.1
300	3.953	3.932	34.155	6.23	27.141	27.143	31.765	36.276	40.678	44.977	95.9	.379	1.228	302.3
320	3.846	3.824	34.153	6.19	27.150	27.153	31.778	36.291	40.696	44.998	95.1	.398	1.279	322.5
340	3.785	3.762	34.155	6.18	27.158	27.160	31.787	36.302	40.708	45.012	94.5	.417	1.126	342.6
360	3.784	3.759	34.159	6.10	27.161	27.164	31.791	36.305	40.712	45.016	94.3	.436	.780	362.8
380	3.691	3.665	34.157	6.11	27.169	27.171	31.801	36.318	40.727	45.033	93.7	.455	1.150	383.0
400	3.567	3.540	34.157	6.06	27.182	27.184	31.817	36.338	40.750	45.058	92.6	.473	1.487	403.2
450	3.447	3.417	34.171	5.95	27.204	27.207	31.843	36.366	40.782	45.093	90.7	.519	1.230	453.7
500	3.270	3.237	34.180	5.87	27.228	27.231	31.873	36.401	40.820	45.136	88.6	.564	1.291	504.1
550	3.086	3.050	34.185	5.73	27.249	27.253	31.899	36.432	40.856	45.176	86.7	.608	1.223	554.6
600	2.938	2.899	34.196	5.61	27.271	27.275	31.924	36.462	40.890	45.214	84.7	.650	1.232	605.1
650	2.811	2.770	34.214	5.46	27.297	27.300	31.954	36.494	40.925	45.252	82.5	.692	1.320	655.6
700	2.724	2.680	34.225	5.36	27.313	27.317	31.973	36.515	40.949	45.278	81.0	.733	1.075	706.2
750	2.663	2.615	34.261	5.19	27.348	27.352	32.009	36.553	40.988	45.318	78.0	.773	1.491	756.7
800	2.681	2.630	34.287	5.05	27.367	27.371	32.028	36.571	41.005	45.335	76.5	.811	1.084	807.3
900	2.690	2.631	34.342	4.72	27.410	27.415	32.071	36.614	41.048	45.377	73.1	.886	1.100	908.4
1000	2.713	2.647	34.400	4.42	27.454	27.460	32.115	36.657	41.090	45.419	69.6	.957	1.085	1009.6
1100	2.662	2.589	34.449	4.25	27.497	27.503	32.160	36.703	41.137	45.467	66.0	1.025	1.122	1110.9
1200	2.662	2.581	34.500	4.17	27.538	27.545	32.202	36.745	41.178	45.508	62.8	1.090	1.367	1212.2
1300	2.679	2.590	34.556	4.10	27.581	27.589	32.245	36.787	41.220	45.549	59.5	1.151	1.037	1313.5
1400	2.675	2.578	34.585	4.03	27.605	27.614	32.269	36.812	41.245	45.574	57.8	1.210	.874	1415.0
1484	2.805	2.699	34.640	4.18	27.637	27.647	32.299	36.837	41.267	45.592	55.8	1.258	1.002	1501.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
3	13.185	13.184	34.344	6.00	2.2	0.59	5.10	0.06	25.866	25.866	34.578	42.891	4.	
28	13.180	13.176	34.345	6.01	2.1	0.59	5.20	0.06	25.868	25.868	34.581	42.894	29.	
54	9.396	9.390	34.318	6.37	3.0	1.02	11.00	0.16	26.540	26.541	35.409	43.866	55.	
94	7.077	7.069	34.207	6.46	5.7	1.36	17.50	0.53	26.804	26.806	35.781	44.337	95.	B9
143	5.199	5.188	34.189	6.42	8.7	1.60	22.50	0.02	27.031	27.032	36.100	44.741	145.	
196	4.283	4.269	34.132	6.61	10.5	1.70	24.20	0.01	27.088	27.090	36.205	44.891	199.	
293	3.959	3.938	34.152	6.45	13.9	1.78	25.40	0.00	27.138	27.140	36.273	44.974	296.	
391	3.622	3.595	34.169	6.11	19.3	1.89	27.10	0.00	27.185	27.188	36.338	45.056	395.	
491	3.248	3.213	34.179	5.95	23.8	1.99	28.70	0.00	27.229	27.232	36.403	45.139	496.	
582	2.964	2.926	34.199	5.77	29.2	2.07	29.90	0.00	27.271	27.275	36.460	45.211	588.	
689	2.778	2.734	34.236	5.42	35.5	2.13	30.90	0.00	27.317	27.321	36.517	45.276	696.	
791	2.681	2.630	34.302	5.06	43.7	2.25	32.40	0.01	27.379	27.383	36.583	45.347	800.	
891	2.664	2.606	34.337	4.71	50.4	2.31	33.40	0.00	27.408	27.413	36.614	45.378	900.	
986	2.712	2.647	34.396	4.46	55.9	2.34	33.80	0.00	27.451	27.456	36.654	45.416	997.	
1054	2.634	2.564	34.423	4.41	60.7	2.38	34.30	0.00	27.479	27.485	36.687	45.452	1066.	
1183	2.660	2.580	34.498	4.16	64.7	2.38	34.60	0.00	27.537	27.544	36.743	45.507	1196.	
1277	2.661	2.573	34.543	4.11	66.4	2.34	33.90	0.00	27.573	27.580	36.779	45.542	1292.	
1380	2.648	2.553	34.580	4.08	68.8	2.34	33.80	0.00	27.603	27.611	36.811	45.575	1397.	
1461	2.777	2.673	34.628	4.16	65.1	2.26	32.60	0.00	27.630	27.639	36.831	45.588	1479.	

SHIP AT CRUISE 107 STATION 83
START 45 57.41 S 53 1.18 W AT 2332 80/ 1/ 5
WIND = 6M/S COR. DEPTH = 6076M

DE	TE	PT	SA	DX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.719	13.719	34.607	6.36	25.960	25.960	30.356	34.648	38.840	42.938	205.3	0.000	0.000	-0
10	13.726	13.725	34.589	6.47	25.945	25.945	30.341	34.633	38.826	42.924	207.0	0.021	-0.145	10.1
20	13.721	13.719	34.592	6.30	25.948	25.948	30.344	34.636	38.829	42.927	207.0	0.041	1.010	20.1
30	13.628	13.624	34.586	6.42	25.963	25.964	30.362	34.656	38.850	42.949	205.8	0.062	2.190	30.2
40	11.874	11.869	34.528	6.58	26.265	26.266	30.699	35.027	39.254	43.385	177.3	0.081	9.760	40.3
50	10.363	10.357	34.495	6.74	26.514	26.515	30.981	35.340	39.596	43.756	153.8	0.098	8.868	50.3
60	10.542	10.535	34.671	6.41	26.620	26.621	31.082	35.435	39.687	43.842	144.0	0.113	5.755	60.4
70	8.883	8.876	34.452	6.53	26.727	26.729	31.227	35.617	39.905	44.094	133.8	0.126	5.864	70.5
80	8.310	8.302	34.454	6.26	26.818	26.820	31.331	35.734	40.034	44.234	125.3	0.139	5.373	80.5
90	7.851	7.842	34.396	6.14	26.842	26.843	31.366	35.780	40.090	44.300	123.2	0.152	2.774	90.6
100	7.654	7.645	34.402	6.14	26.876	26.877	31.405	35.823	40.137	44.351	120.1	0.164	3.276	100.7
120	6.148	6.137	34.244	6.45	26.958	26.960	31.525	35.979	40.328	44.576	112.3	0.187	3.680	120.8
140	5.605	5.593	34.213	6.39	27.002	27.003	31.582	36.050	40.412	44.672	108.2	0.209	2.671	141.0
160	5.025	5.013	34.162	6.39	27.030	27.031	31.626	36.108	40.484	44.758	105.6	0.231	2.181	161.2
180	4.802	4.789	34.167	6.35	27.059	27.061	31.661	36.149	40.530	44.809	103.0	0.252	2.186	181.3
200	4.529	4.514	34.150	6.36	27.076	27.078	31.685	36.180	40.568	44.854	101.5	0.272	1.682	201.5
220	4.348	4.332	34.148	6.42	27.094	27.096	31.708	36.208	40.600	44.890	99.9	0.292	1.738	221.6
240	4.191	4.174	34.143	6.46	27.107	27.109	31.725	36.229	40.626	44.919	98.7	0.312	1.485	241.8
260	4.156	4.138	34.157	6.40	27.122	27.124	31.741	36.246	40.643	44.937	97.5	0.332	1.528	262.0
280	4.085	4.065	34.156	6.42	27.128	27.130	31.749	36.256	40.655	44.951	97.0	0.351	1.065	282.1
300	4.028	4.007	34.156	6.43	27.134	27.136	31.757	36.265	40.666	44.963	96.6	0.370	1.006	302.3
320	3.975	3.952	34.160	6.42	27.143	27.145	31.767	36.277	40.679	44.977	95.9	0.390	1.205	322.5
340	3.957	3.933	34.170	6.31	27.153	27.155	31.777	36.288	40.690	44.989	95.2	0.409	1.251	342.6
360	3.819	3.794	34.161	6.28	27.159	27.162	31.788	36.302	40.707	45.010	94.6	0.428	1.133	362.8
380	3.701	3.675	34.160	6.27	27.170	27.173	31.803	36.319	40.728	45.033	93.6	0.447	1.391	383.0
400	3.659	3.632	34.162	6.23	27.176	27.179	31.810	36.327	40.737	45.043	93.2	0.465	1.980	403.2
450	3.521	3.490	34.175	6.09	27.200	27.203	31.837	36.359	40.772	45.082	91.2	0.511	1.271	453.7
500	3.318	3.284	34.180	5.98	27.223	27.226	31.866	36.393	40.811	45.126	89.1	0.556	1.278	504.2
550	3.152	3.116	34.190	5.89	27.247	27.251	31.895	36.426	40.848	45.167	87.0	0.600	1.287	554.6
600	3.040	3.001	34.202	5.71	27.267	27.270	31.918	36.452	40.877	45.198	85.3	0.643	1.156	605.1
650	2.758	2.716	34.197	5.69	27.288	27.291	31.947	36.488	40.921	45.249	83.2	0.686	1.278	655.7
700	2.728	2.683	34.225	5.52	27.313	27.317	31.973	36.515	40.948	45.278	81.1	0.727	1.275	706.2
750	2.796	2.747	34.266	5.23	27.340	27.344	31.998	36.538	40.969	45.297	79.0	0.767	1.263	756.7
800	2.713	2.662	34.282	5.06	27.360	27.365	32.021	36.563	40.996	45.326	77.2	0.806	1.180	807.3
900	2.794	2.734	34.357	4.62	27.413	27.418	32.071	36.611	41.042	45.369	73.1	0.881	1.290	908.4
1000	2.753	2.686	34.413	4.36	27.461	27.466	32.121	36.662	41.093	45.421	69.1	0.952	1.309	1009.6
1100	2.714	2.640	34.463	4.17	27.504	27.511	32.166	36.707	41.140	45.469	65.5	1.019	1.200	1110.9
1200	2.695	2.614	34.513	4.06	27.545	27.553	32.208	36.750	41.183	45.511	62.2	1.083	1.178	1212.2
1300	2.675	2.586	34.551	4.03	27.577	27.585	32.241	36.783	41.217	45.546	59.8	1.144	976	1313.6
1400	2.640	2.543	34.591	4.06	27.613	27.621	32.278	36.821	41.255	45.585	57.0	1.203	1.062	1415.6
1500	2.670	2.564	34.631	4.12	27.642	27.651	32.307	36.849	41.282	45.612	55.0	1.259	953	1516.4
1600	2.775	2.659	34.682	4.23	27.673	27.683	32.336	36.875	41.306	45.632	53.1	1.313	873	1617.9
1700	2.749	2.626	34.707	4.33	27.696	27.707	32.360	36.900	41.331	45.658	51.5	1.365	818	1719.5
1800	2.777	2.644	34.741	4.45	27.720	27.732	32.384	36.923	41.354	45.680	50.1	1.416	782	1821.1
1900	2.816	2.674	34.772	4.51	27.741	27.754	32.406	36.944	41.373	45.698	48.9	1.465	863	1922.8
2000	2.814	2.663	34.792	4.71	27.758	27.771	32.423	36.961	41.390	45.716	48.0	1.514	682	2024.5
2100	2.698	2.539	34.791	4.76	27.767	27.781	32.437	36.978	41.411	45.739	47.1	1.561	747	2126.3
2200	2.684	2.516	34.806	4.92	27.781	27.795	32.451	36.993	41.426	45.755	46.4	1.608	737	2228.1
2300	2.581	2.405	34.805	4.96	27.789	27.804	32.463	37.008	41.444	45.775	45.7	1.654	701	2329.9
2400	2.576	2.391	34.822	5.10	27.803	27.819	32.478	37.023	41.459	45.791	44.9	1.699	687	2431.8
2500	2.406	2.215	34.806	5.13	27.804	27.820	32.484	37.035	41.475	45.812	44.3	1.744	606	2533.8
2600	2.398	2.196	34.817	5.21	27.814	27.831	32.495	37.046	41.487	45.824	43.9	1.788	601	2635.8
2700	2.342	2.131	34.823	5.15	27.823	27.841	32.507	37.060	41.503	45.841	43.2	1.831	695	2737.8
2800	2.045	1.831	34.783	5.05	27.816	27.832	32.508	37.069	41.520	45.866	42.3	1.874	841	2839.9
2900	2.042	1.819	34.794	5.03	27.825	27.843	32.518	37.079	41.531	45.877	41.9	1.917	560	2942.1
3000	1.810	1.581	34.763	4.90	27.818	27.835	32.518	37.086	41.544	45.897	41.2	1.958	694	3044.3
3200	1.611	1.367	34.753	4.80	27.825	27.843	32.532	37.106	41.569	45.928	39.8	2.039	642	3248.8
3400	1.412	1.152	34.738	4.78	27.828	27.846	32.541	37.121	41.591	45.955	38.5	2.118	605	3452.5
3600	1.227	951	34.724	4.74	27.830	27.848	32.549	37.135	41.610	45.980	37.2	2.194	593	3658.4
3800	1.083	790	34.719	4.79	27.836	27.855	32.560	37.151	41.631	46.004	35.8	2.267	586	3863.5
4000	908	598	34.709	4.83	27.839	27.858	32.570	37.166	41.651	46.030	34.2	2.337	630	4068.8
4200	729	402	34.700	4.86	27.843	27.862	32.580	37.181	41.672	46.056	32.3	2.403	659	4274.3
4400	557	213	34.691	4.90	27.846	27.866	32.589	37.196	41.692	46.081	30.4	2.466	650	4480.0
4600	431	069	34.684	6.20	27.848	27.868	32.596	37.207	41.707	46.100	29.0	2.525	487	4685.8
4800	362	-0.021	34.682	6.20	27.850	27.871	32.601	37.215	41.718	46.113	28.1	2.582	387	4891.8
5000	317	-0.089	34.677	6.20	27.849	27.871	32.603	37.219	41.723	46.121	27.7	2.638	292	5098.1
5200	289	-0.139	34.677	6.20	27.850	27.873	32.607	37.224	41.730	46.129	27.3	2.693	401	5304.5
5400	285	-0.168	34.675	6.20	27.849	27.873	32.607	37.226	41.733	46.132	27.4	2.748	425	5511.1
5600	289	-0.190	34.675	6.20	27.848	27.874	32.609	37.228	41.735	46.136	27.5	2.803	194	5717.8
5800	300	-0.205	34.673	6.20	27.847	27.873	32.609	37.228	41.736	46.137	27.9	2.858	112	5924.8
6000	315	-0.217	34.673	6.20	27.845	27.874	32.609	37.229	41.738	46.139	28.2	2.914	221	6131.9
6051	322	-0.217	34.672	6.20	27.845	27.873	32.609	37.229	41.737	46.138	28.4	2.928	-1.197	6185.0

DE	TE	PT	SA	DX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	13.681	13.681	34.577	5.94	1.9	0.48	3.80	0.09	25.944	25.944	34.634	42.926	0.	
43	11.302	11.296	34.549	6.16	2.2	0.68	6.40	0.14	26.388	26.389	35.173	43.552	44.	B1
92	7.872	7.862	34.405	6.04	4.8	1.30	17.50	0.22	26.846	26.847	35.783	44.302	93.	
143	5.222	5.211	34.195	6.53	7.9	1.58	22.00	0.09	27.033	27.035	36.101	44.741	145.	B9
192	4.425	4.411	34.146	6.56	10.4	1.69	24.00	0.03	27.084	27.086	36.194	44.872	195.	
290	4.046	4.026	34.160	6.54	12.9	1.74	24.90	0.02	27.136	27.138	36.265	44.962	293.	
390	3.692	3.665	34.167	6.23	17.7	1.86	26.80	0.01	27.177	27.180	36.326	45.041	394.	
493	3.366	3.333	34.175	6.02	21.6	1.96	28.30	0.01	27.215	27.218	36.392	45.113	499.	
588	3.068	3.030	34.199	5.75	28.1	2.06	29.70	0.01	27.262	27.265	36.445	45.191	594.	
785	2.730	2.679	34.277	5.11	41.7	2.24	32.30	0.01	27.354	27.359	36.556	45.318	793.	
967	2.773	2.709	34.396	4.55	54.0	2.33	33.80	0.00	27.445	27.451	36.645	45.404	977.	
1180	2.739	2.659	34.514	4.15	63.1	2.34	33.90	0.00	27.543	27.550	36.744	45.504	1194.	
1378	2.648	2.552	34.583	4.07	69.3	2.31	33.60	0.00	27.606	27.614	36.813	45.577	1394.	
1575	2.765	2.651	34.683	4.26	66.2	2.17	31.60	0.00	27.675	27.685	36.878	45.635	1595.	
1774	2.754	2.623	34.734	4.36	65.4	2.08	30.20	0.00	27.717	27.728	36.921	45.679	1797.	
1971	2.882	2.732	34.801	4.70	57.4	1.85	27.20	0.00	27.759	27.772	36.958	45.709	1997.	
2458	2.537	2.347	34.830	4.93	61.7	1.82	26.50	0.00	27.812	27.829	37.035	45.805	2493.	
2949	1.954	1.727	34.783	4.79	83.5	1.99	28.80	0.00	27.823	27.841	37.082	45.885	2995.	
3441	1.370	1.106	34.734	4.63	106.3	2.16	31.30	0.00	27.828	27.846	37.123	45.960	3499.	
3923	0.971	0.667	34.716	4.78	116.2	2.24	32.10	0.00	27.840	27.860	37.163	46.023	3993.	
4422	0.525	-0.180	34.688	4.94	124.2	2.31	32.80	0.00	27.846	27.865	37.197	46.085	4506.	
4914	0.322	-0.074	34.684	5.03	127.1	2.32	33.00	0.00	27.854	27.875	37.223	46.124	5013.	
5398	0.284	-0.169	34.678	5.11	127.8	2.33	33.10	0.00	27.851	27.875	37.228	46.135	5513.	
6044	0.323	-0.216	34.671	5.10	129.6	2.34	33.30	0.00	27.844	27.872	37.228	46.137	6181.	B8

SHIP AT CRUISE 107 STATION 84
START 45 59.68 S 53 30.38 W AT 550 80/ 1/ 5
WIND = 10M/S COR. DEPTH = 5998M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.324	12.324	34.593	4.93	26.229	26.229	30.653	34.971	39.189	43.311	179.7	0.000	0.000	-0
10	12.270	12.269	34.595	5.74	26.241	26.241	30.666	34.985	39.204	43.328	178.9	0.018	1.946	10.1
20	12.271	12.268	34.597	5.74	26.242	26.243	30.668	34.987	39.206	43.329	179.0	0.036	1.692	20.2
30	12.272	12.268	34.596	5.89	26.242	26.242	30.667	34.986	39.206	43.329	179.3	0.034	-0.315	30.2
40	11.594	11.589	34.598	5.94	26.372	26.373	30.812	35.144	39.376	43.512	167.2	0.071	6.409	40.3
50	10.571	10.566	34.653	6.04	26.602	26.603	31.063	35.416	39.667	43.822	145.5	0.087	8.509	50.3
60	10.353	10.345	34.630	6.01	26.621	26.622	31.087	35.445	39.701	43.859	143.9	0.101	2.481	60.4
70	9.836	9.828	34.603	6.00	26.689	26.691	31.167	35.536	39.802	43.971	137.6	0.115	4.658	70.5
80	9.565	9.557	34.629	5.87	26.754	26.756	31.238	35.612	39.884	44.058	131.6	0.129	4.532	80.5
90	9.193	9.183	34.619	5.68	26.809	26.810	31.301	35.683	39.963	44.144	126.6	0.142	4.155	90.6
100	8.739	8.728	34.581	5.78	26.851	26.853	31.354	35.747	40.036	44.227	122.7	0.154	3.700	100.7
120	8.632	8.619	34.634	5.64	26.909	26.911	31.415	35.809	40.101	44.293	117.5	0.178	3.033	120.9
140	8.013	7.999	34.569	5.79	26.954	26.956	31.474	35.882	40.188	44.394	113.5	0.201	2.692	141.0
160	6.788	6.773	34.397	5.82	26.994	26.996	31.544	35.983	40.316	44.549	109.7	0.224	2.646	161.2
180	6.161	6.145	34.325	5.65	27.020	27.022	31.587	36.040	40.389	44.636	107.2	0.245	2.139	181.3
200	5.464	5.447	34.246	5.82	27.045	27.047	31.629	36.100	40.465	44.729	104.9	0.266	2.081	201.5
220	5.150	5.133	34.218	5.78	27.060	27.062	31.653	36.132	40.505	44.775	103.5	0.287	1.641	221.6
240	4.967	4.949	34.210	5.68	27.075	27.077	31.672	36.156	40.534	44.809	102.2	0.308	1.592	241.8
260	4.611	4.592	34.185	5.84	27.095	27.097	31.702	36.195	40.581	44.864	100.3	0.328	1.873	262.0
280	4.414	4.394	34.175	5.94	27.109	27.111	31.721	36.219	40.610	44.898	99.1	0.348	1.540	282.1
300	4.303	4.281	34.177	5.96	27.122	27.124	31.738	36.238	40.632	44.923	97.9	0.368	1.506	302.3
320	4.192	4.169	34.173	5.97	27.130	27.133	31.749	36.253	40.649	44.942	97.3	0.387	1.200	322.5
340	4.164	4.140	34.180	5.96	27.139	27.141	31.758	36.263	40.660	44.954	96.6	0.407	1.187	342.6
360	4.095	4.069	34.179	5.91	27.145	27.148	31.767	36.273	40.672	44.967	96.1	0.426	1.059	362.8
380	3.932	3.906	34.168	5.90	27.153	27.156	31.779	36.290	40.693	44.993	95.4	0.445	1.237	383.0
400	3.854	3.826	34.169	5.99	27.162	27.165	31.790	36.303	40.708	45.010	94.7	0.464	1.247	403.2
450	3.679	3.648	34.173	5.89	27.183	27.186	31.816	36.334	40.743	45.049	92.9	0.511	1.209	453.7
500	3.424	3.390	34.170	5.90	27.205	27.208	31.845	36.369	40.785	45.098	90.9	0.557	1.255	504.2
550	3.331	3.294	34.191	5.72	27.231	27.235	31.874	36.401	40.818	45.133	88.7	0.602	1.315	554.6
600	2.920	2.881	34.177	5.66	27.258	27.261	31.912	36.449	40.878	45.203	86.0	0.646	1.441	605.1
650	2.922	2.880	34.215	5.45	27.288	27.292	31.942	36.479	40.908	45.232	83.5	0.688	1.374	655.6
700	2.807	2.762	34.234	5.25	27.314	27.317	31.971	36.511	40.942	45.270	81.2	0.729	1.323	706.2
750	2.792	2.743	34.263	5.10	27.338	27.342	31.996	36.536	40.968	45.295	79.1	0.769	1.246	756.7
800	2.784	2.732	34.292	4.88	27.362	27.366	32.020	36.561	40.992	45.320	77.2	0.808	1.225	807.3
900	2.759	2.700	34.352	4.52	27.412	27.417	32.071	36.612	41.044	45.372	73.1	0.883	1.301	908.4
1000	2.708	2.641	34.405	4.26	27.458	27.464	32.119	36.661	41.094	45.423	69.2	0.954	1.147	1009.6
1100	2.651	2.577	34.469	4.04	27.514	27.521	32.177	36.721	41.155	45.485	64.4	1.021	1.215	1110.9
1200	2.692	2.611	34.528	4.02	27.558	27.565	32.221	36.762	41.195	45.524	61.1	1.084	1.027	1212.2
1300	2.623	2.534	34.561	4.00	27.590	27.598	32.255	36.799	41.234	45.564	58.4	1.143	0.957	1313.6
1400	2.629	2.532	34.602	3.99	27.622	27.631	32.288	36.831	41.265	45.595	56.1	1.200	1.037	1415.0
1500	2.688	2.582	34.653	4.19	27.658	27.668	32.323	36.864	41.297	45.625	53.5	1.255	1.091	1516.4
1600	2.737	2.622	34.691	4.29	27.684	27.694	32.348	36.888	41.319	45.647	51.9	1.308	0.900	1617.9
1700	2.769	2.645	34.726	4.42	27.709	27.720	32.373	36.912	41.342	45.669	50.4	1.359	0.815	1719.5
1800	2.793	2.660	34.760	4.62	27.734	27.745	32.398	36.936	41.366	45.691	48.9	1.409	0.805	1821.1
1900	2.907	2.763	34.807	4.86	27.761	27.774	32.423	36.959	41.385	45.708	47.5	1.457	0.871	1922.8
2000	2.741	2.590	34.803	5.05	27.773	27.786	32.440	36.980	41.411	45.739	46.2	1.504	0.781	2024.5
2100	2.663	2.505	34.809	4.98	27.785	27.798	32.454	36.997	41.430	45.759	45.4	1.550	0.724	2126.3
2200	2.502	2.337	34.800	4.86	27.792	27.806	32.467	37.014	41.451	45.784	44.4	1.595	0.748	2228.1
2300	2.261	2.091	34.775	4.83	27.792	27.806	32.474	37.027	41.472	45.811	43.6	1.638	0.666	2329.9
2400	2.149	1.972	34.773	4.70	27.799	27.814	32.485	37.042	41.490	45.832	42.7	1.682	0.748	2431.8
2500	2.079	1.893	34.779	4.81	27.810	27.825	32.498	37.057	41.507	45.852	41.8	1.724	0.654	2533.8
2600	1.912	1.720	34.768	4.73	27.815	27.829	32.508	37.072	41.526	45.875	40.7	1.765	0.767	2635.8
2700	1.704	1.507	34.748	4.61	27.814	27.829	32.513	37.084	41.544	45.898	39.8	1.805	0.703	2737.8
2800	1.564	1.360	34.739	4.57	27.818	27.832	32.521	37.096	41.560	45.918	38.8	1.845	0.721	2839.9
2900	1.425	1.215	34.732	4.54	27.822	27.837	32.530	37.108	41.576	45.939	37.8	1.883	0.562	2942.1
3000	1.305	1.088	34.722	4.48	27.823	27.838	32.535	37.117	41.588	45.954	37.1	1.920	0.502	3044.3
3200	1.112	0.880	34.716	4.60	27.831	27.846	32.550	37.138	41.615	45.986	35.3	1.993	0.694	3248.8
3400	1.052	0.801	34.711	4.60	27.831	27.847	32.552	37.143	41.622	45.995	35.2	2.063	0.264	3453.6
3600	1.032	0.761	34.714	4.67	27.835	27.852	32.558	37.150	41.631	46.005	35.1	2.134	0.405	3658.5
3800	1.015	0.724	34.709	4.75	27.832	27.851	32.558	37.151	41.632	46.008	35.5	2.204	0.127	3863.6
4000	0.952	0.641	34.706	4.70	27.833	27.853	32.563	37.158	41.642	46.020	35.1	2.275	0.376	4068.9
4200	0.841	0.511	34.700	4.74	27.836	27.856	32.570	37.169	41.656	46.037	34.1	2.344	0.629	4274.4
4400	0.697	0.349	34.692	4.79	27.838	27.859	32.578	37.181	41.674	46.059	32.6	2.410	0.406	4480.0
4600	0.502	0.137	34.684	4.91	27.844	27.864	32.590	37.199	41.697	46.089	30.2	2.473	0.703	4685.8
4800	0.400	0.016	34.680	4.98	27.847	27.868	32.596	37.210	41.711	46.106	28.9	2.532	0.572	4891.9
5000	0.350	-0.056	34.676	5.03	27.846	27.868	32.599	37.214	41.718	46.115	28.4	2.589	0.466	5098.1
5200	0.313	-0.117	34.674	5.03	27.847	27.870	32.603	37.219	41.725	46.123	27.9	2.646	0.467	5304.5
5400	0.296	-0.157	34.672	5.10	27.846	27.870	32.604	37.222	41.728	46.128	27.8	2.701	0.301	5511.1
5600	0.292	-0.187	34.671	5.13	27.845	27.870	32.606	37.225	41.732	46.132	27.8	2.757	0.039	5717.9
5800	0.299	-0.206	34.668	5.11	27.843	27.869	32.605	37.225	41.733	46.134	28.2	2.813	0.147	5924.8
5997	0.310	-0.222	34.669	5.09	27.843	27.871	32.607	37.227	41.735	46.137	28.3	2.869	0.119	6129.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
1575	2.645	2.533	34.668	4.17	71.2	2.21	32.10	0.00	27.674	27.683	36.883	45.646	1594.	
2462	2.188	2.004	34.793	4.76	76.2	1.96	28.30	0.01	27.812	27.827	37.053	45.842	2498.	D3
4502	0.580	0.224	34.688	4.90	122.9	2.29	32.80	0.01	27.842	27.863	37.192	46.077	4589.	
4805	0.419	0.033	34.680	4.98	126.0	2.32	33.00	0.01	27.845	27.867	37.208	46.103	4901.	
4956	0.359	-0.043	34.684	5.02	127.7	2.33	33.00	0.01	27.852	27.874	37.219	46.119	5057.	D1
5103	0.323	-0.095	34.676	5.06	128.2	2.34	33.10	0.02	27.848	27.870	37.219	46.121	5208.	
5251	0.304	-0.132	34.671	5.04	128.6		33.00	0.03	27.845	27.868	37.219	46.123	5361.	
5398	0.292	-0.162	34.670	5.09	129.0	2.32	33.10	0.02	27.845	27.869	37.221	46.128	5513.	
5546	0.290	-0.183	34.672	5.11	129.4	2.34	33.20	0.02	27.846	27.871	37.225	46.132	5666.	
5695	0.296	-0.195	34.668	5.10	129.4	2.34	33.30	0.04	27.843	27.869	37.223	46.131	5820.	
5840	0.301	-0.210	34.669	5.10	129.5	2.34	33.20	0.03	27.843	27.870	37.226	46.135	5970.	
5974	0.309	-0.221	34.695	5.10	120.0	2.28	32.40	0.02	27.864	27.892	37.247	46.157	6109.	B15

SHIP AT CRUISE 107 STATION 85
START 46 1.94 S 53 59.28 W AT 1314 80/ 1/ 5
WIND = 20M/S COR. DEPTH = 5959M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.180	14.180	35.064	6.41	26.216	26.216	30.600	34.880	39.062	43.149	181.0	0.000	0.000	- 0
10	14.130	14.128	35.068	6.24	26.229	26.229	30.615	34.896	39.078	43.166	180.0	0.018	2.073	10.1
20	14.113	14.110	35.068	6.19	26.233	26.233	30.619	34.901	39.083	43.171	179.9	0.036	1.133	20.2
30	14.091	14.086	35.067	6.24	26.236	26.237	30.623	34.905	39.088	43.177	179.9	0.054	1.109	30.2
40	14.070	14.064	35.070	6.19	26.243	26.244	30.631	34.913	39.097	43.186	179.5	0.072	1.487	40.3
50	13.613	13.606	35.070	6.16	26.339	26.341	30.736	35.027	39.218	43.315	170.7	0.090	5.501	50.4
60	12.727	12.719	35.110	5.88	26.550	26.551	30.964	35.271	39.478	43.590	150.9	0.106	8.151	60.4
70	12.592	12.583	35.203	5.48	26.649	26.650	31.065	35.374	39.583	43.697	141.8	0.120	5.573	70.5
80	12.197	12.187	35.156	5.32	26.690	26.692	31.114	35.432	39.648	43.770	138.1	0.134	3.628	80.6
90	11.642	11.631	35.061	5.36	26.722	26.724	31.159	35.488	39.716	43.848	135.2	0.148	3.244	90.6
100	10.852	10.839	34.925	5.43	26.762	26.765	31.217	35.562	39.806	43.954	131.5	0.161	3.621	100.7
120	9.355	9.342	34.687	5.52	26.834	26.837	31.323	35.702	39.977	44.155	124.8	0.187	3.445	120.9
140	8.281	8.267	34.546	5.62	26.895	26.897	31.409	35.812	40.112	44.312	119.2	0.211	3.162	141.0
160	7.263	7.247	34.425	5.63	26.949	26.952	31.488	35.915	40.238	44.461	114.0	0.235	3.017	161.2
180	6.467	6.451	34.350	5.78	27.000	27.002	31.558	36.005	40.346	44.586	109.3	0.257	2.897	181.3
200	5.958	5.941	34.296	5.69	27.023	27.025	31.595	36.054	40.407	44.659	107.1	0.279	2.019	201.5
220	5.539	5.521	34.266	5.79	27.052	27.054	31.634	36.103	40.467	44.728	104.5	0.300	2.194	221.7
240	5.119	5.100	34.228	5.86	27.071	27.073	31.665	36.145	40.518	44.790	102.7	0.320	1.860	241.8
260	4.974	4.954	34.225	5.98	27.086	27.088	31.683	36.167	40.544	44.818	101.4	0.341	1.560	262.0
280	4.799	4.778	34.214	6.01	27.097	27.099	31.699	36.187	40.568	44.847	100.5	0.361	1.389	282.2
300	4.715	4.692	34.218	6.09	27.110	27.112	31.714	36.205	40.588	44.869	99.4	0.381	1.470	302.3
320	4.495	4.471	34.199	6.07	27.119	27.121	31.729	36.225	40.614	44.900	98.6	0.401	1.306	322.5
340	4.365	4.340	34.194	6.18	27.129	27.132	31.743	36.243	40.635	44.924	97.7	0.420	1.366	342.7
360	4.184	4.158	34.183	6.19	27.139	27.142	31.758	36.262	40.659	44.952	96.8	0.440	1.348	362.9
380	4.114	4.086	34.181	6.21	27.145	27.148	31.766	36.272	40.671	44.966	96.3	0.459	1.039	383.1
400	4.064	4.035	34.188	6.25	27.156	27.159	31.778	36.286	40.685	44.982	95.5	0.478	1.332	403.2
450	3.923	3.891	34.200	6.06	27.180	27.183	31.806	36.317	40.720	45.020	93.5	0.526	1.273	453.7
500	3.683	3.648	34.197	6.01	27.202	27.205	31.835	36.352	40.761	45.067	91.6	0.572	1.254	504.2
550	3.488	3.450	34.207	5.90	27.228	27.232	31.867	36.390	40.803	45.114	89.2	0.617	1.363	554.7
600	3.323	3.283	34.211	5.73	27.248	27.252	31.891	36.418	40.836	45.150	87.5	0.661	1.175	605.2
650	3.114	3.071	34.227	5.66	27.280	27.284	31.929	36.461	40.884	45.204	84.5	0.704	1.497	655.8
700	3.082	3.035	34.252	5.40	27.303	27.307	31.953	36.486	40.910	45.231	82.6	0.746	1.227	706.3
750	2.932	2.883	34.262	5.28	27.325	27.329	31.979	36.516	40.944	45.268	80.6	0.787	1.243	756.8
800	2.747	2.695	34.269	5.17	27.347	27.351	32.007	36.548	40.981	45.309	78.5	0.827	1.280	807.4
900	2.735	2.676	34.351	4.72	27.413	27.418	32.073	36.614	41.047	45.375	72.9	0.902	1.441	908.6
1000	2.744	2.677	34.421	4.38	27.468	27.473	32.128	36.669	41.101	45.429	68.4	0.973	1.248	1009.8
1100	2.684	2.611	34.488	4.14	27.527	27.533	32.189	36.731	41.164	45.493	63.4	1.039	1.263	1111.1
1200	2.683	2.601	34.541	4.08	27.569	27.576	32.232	36.774	41.207	45.535	60.0	1.100	1.202	1212.4
1300	2.576	2.487	34.567	4.06	27.599	27.606	32.265	36.810	41.245	45.577	57.5	1.159	1.021	1313.8
1400	2.604	2.507	34.619	4.10	27.638	27.646	32.304	36.848	41.282	45.613	54.6	1.215	0.992	1415.2
1500	2.683	2.577	34.667	4.28	27.669	27.679	32.334	36.875	41.308	45.636	52.5	1.268	0.857	1516.7
1600	2.529	2.416	34.684	4.26	27.696	27.706	32.366	36.911	41.348	45.680	50.0	1.320	1.075	1618.2
1700	2.494	2.373	34.710	4.36	27.720	27.730	32.391	36.937	41.375	45.708	48.2	1.369	0.916	1719.8
1800	2.607	2.477	34.758	4.57	27.749	27.760	32.418	36.961	41.395	45.726	46.6	1.416	0.756	1821.4
1900	2.462	2.325	34.760	4.64	27.763	27.774	32.436	36.983	41.422	45.756	45.3	1.462	0.840	1923.1
2000	2.446	2.300	34.778	4.69	27.779	27.791	32.454	37.001	41.440	45.775	44.2	1.507	0.680	2024.9
2100	2.309	2.157	34.780	4.81	27.792	27.805	32.471	37.023	41.465	45.803	42.9	1.550	0.826	2126.6
2200	2.152	1.993	34.774	4.78	27.800	27.813	32.484	37.040	41.487	45.829	41.8	1.593	0.743	2228.5
2300	2.040	1.874	34.770	4.74	27.806	27.819	32.493	37.053	41.503	45.848	41.1	1.634	0.577	2330.4
2400	1.980	1.805	34.767	4.73	27.808	27.822	32.498	37.060	41.512	45.859	40.9	1.675	0.434	2432.3
2500	1.921	1.739	34.761	4.69	27.808	27.822	32.500	37.063	41.517	45.866	41.0	1.716	0.193	2534.3
2600	1.866	1.675	34.758	4.70	27.810	27.824	32.504	37.070	41.525	45.876	40.9	1.757	0.365	2636.3
2700	1.824	1.625	34.758	4.68	27.813	27.828	32.510	37.076	41.533	45.885	40.7	1.798	0.500	2738.4
2800	1.767	1.559	34.751	4.66	27.812	27.828	32.511	37.080	41.538	45.892	40.7	1.838	0.366	2840.5
2900	1.725	1.508	34.748	4.65	27.813	27.829	32.513	37.084	41.544	45.898	40.7	1.879	0.303	2942.6
3000	1.688	1.462	34.747	4.65	27.814	27.831	32.517	37.089	41.550	45.906	40.7	1.920	0.403	3044.8
3200	1.577	1.334	34.741	4.67	27.818	27.835	32.525	37.100	41.565	45.924	40.1	2.001	0.526	3249.4
3400	1.452	1.192	34.733	4.67	27.821	27.839	32.533	37.112	41.581	45.944	39.4	2.080	0.526	3454.2
3600	1.245	0.969	34.724	4.70	27.828	27.847	32.547	37.133	41.608	45.977	37.5	2.157	0.665	3659.1
3800	1.023	0.732	34.714	4.76	27.835	27.854	32.562	37.153	41.635	46.010	35.3	2.230	0.629	3864.3
4000	0.789	0.483	34.702	4.87	27.841	27.860	32.575	37.174	41.662	46.044	32.9	2.298	0.752	4069.6
4200	0.612	0.289	34.693	4.97	27.844	27.863	32.584	37.189	41.682	46.070	31.0	2.362	0.543	4275.1
4400	0.461	0.120	34.685	5.02	27.847	27.866	32.592	37.202	41.701	46.092	29.3	2.422	0.607	4480.8
4600	0.361	0.001	34.679	5.10	27.848	27.868	32.598	37.211	41.713	46.108	28.2	2.480	0.434	4686.7
4800	0.306	- 0.076	34.677	5.13	27.849	27.870	32.602	37.217	41.722	46.119	27.5	2.535	0.293	4892.8
5000	0.271	- 0.133	34.675	5.17	27.850	27.871	32.604	37.222	41.728	46.126	27.1	2.590	0.333	5099.1
5200	0.264	- 0.164	34.674	5.17	27.849	27.872	32.606	37.225	41.731	46.131	27.1	2.644	0.316	5305.5
5400	0.267	- 0.186	34.672	5.18	27.848	27.872	32.607	37.226	41.733	46.133	27.3	2.699	0.202	5512.1
5600	0.276	- 0.203	34.672	5.20	27.847	27.872	32.608	37.227	41.735	46.136	27.5	2.753	0.075	5718.9
5800	0.291	- 0.214	34.670	5.26	27.845	27.871	32.607	37.227	41.735	46.136	27.9	2.809	0.058	5925.9
5959	0.306	- 0.220	34.671	5.22	27.845	27.872	32.608	37.228	41.737	46.138	28.1	2.853	0.142	6091.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	14.279	14.279	35.076	5.93	1.5	0.32	0.90	0.08	26.204	26.204	34.864	43.129	0.	
48	13.401	13.394	35.045	5.69	2.5	0.52	4.20	0.27	26.364	26.365	35.059	43.355	49.	
98	10.198	10.186	34.793	5.43	5.6	1.12	14.80	0.02	26.775	26.777	35.604	44.023	100.	
160	7.092	7.077	34.397	5.82	7.9	1.46	20.40	0.01	26.952	26.954	35.926	44.479	162.	
197	6.029	6.012	34.303	5.84	10.7	1.64	23.30	0.00	27.020	27.022	36.047	44.649	199.	
300	4.755	4.732	34.225	6.08	13.8	1.76	25.10	0.00	27.111	27.113	36.203	44.865	303.	
397	4.146	4.117	34.194	6.23	16.0	1.82	26.00	0.00	27.152	27.155	36.277	44.970	401.	
513	3.585	3.550	34.202	5.96	22.4	1.96	28.20	0.00	27.215	27.219	36.371	45.090	518.	
595	3.316	3.276	34.217	5.72	27.3	2.04	29.70	0.00	27.253	27.257	36.423	45.156	601.	
784	2.902	2.850	34.294	5.09	41.2	2.24	32.70	0.00	27.353	27.357	36.545	45.298	793.	
981	2.701	2.636	34.410	4.48	58.0	2.36	34.50	0.00	27.463	27.469	36.666	45.429	992.	
1181	2.645	2.565	34.515	4.18	66.9	2.38	34.50	0.00	27.552	27.559	36.758	45.522	1194.	
1378	2.591	2.495	34.606	4.10	72.2	2.32	33.60	0.00	27.629	27.637	36.839	45.605	1395.	
1573	2.620	2.509	34.700	4.31	71.3	2.18	31.80	0.00	27.701	27.711	36.911	45.675	1593.	
1771	2.591	2.463	34.746	4.48	70.4	2.07	30.20	0.01	27.741	27.752	36.953	45.719	1794.	
1972	2.387	2.245	34.764	4.54	75.2	2.03	29.70	0.02	27.772	27.784	36.998	45.774	1998.	
2461	1.948	1.768	34.764	4.63	87.8	2.04	30.10	0.00	27.808	27.822	37.062	45.863	2497.	
2953	1.714	1.492	34.748	4.61	97.1	2.40	31.50	0.01	27.814	27.830	37.086	45.901	2999.	B4
3445	1.389	1.125	34.731	4.70	107.1	2.21	31.90	0.00	27.824	27.842	37.119	45.954	3502.	
3923	0.888	0.586	34.708	4.84	117.9	2.27	32.60	0.00	27.839	27.858	37.166	46.031	3993.	B89
4419	0.453	0.110	34.686	5.02	124.8	2.30	33.00	0.00	27.848	27.867	37.204	46.095	4504.	D4
4911	0.287	-0.107	34.673	5.12	127.8	2.33	33.20	0.02	27.847	27.868	37.218	46.121	5010.	D4
5401	0.267	-0.186	34.677	5.16	128.1	2.34	33.50	0.00	27.852	27.875	37.229	46.137	5516.	D14
5954	0.307	-0.219	34.668	5.19	129.7	2.34	33.60	0.00	27.842	27.870	37.226	46.135	6089.	D4

SHIP AT CRUISE 107 STATION 86
START 46 40 S 54 59.44 W AT 2127 80/ 1/ 5
WIND = 29M/S COR. DEPTH = 5735M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	14.081	14.081	34.217	6.90	25.583	25.583	29.975	34.263	38.452	42.546	241.1	0.000	0.000	-0
10	14.061	14.059	34.214	6.96	25.585	25.586	29.978	34.266	38.455	42.550	241.2	0.024	0.833	10.1
20	14.052	14.049	34.215	6.75	25.588	25.589	29.981	34.270	38.459	42.554	241.1	0.048	1.019	20.2
30	13.943	13.938	34.212	6.58	25.608	25.609	30.004	34.294	38.486	42.582	239.5	0.072	2.517	30.2
40	10.240	10.235	34.165	7.14	26.279	26.279	30.750	35.113	39.375	43.539	175.9	0.093	14.529	40.3
50	8.278	9.273	34.179	7.37	26.608	26.609	31.123	35.529	39.830	44.034	144.7	0.109	10.191	50.3
60	7.182	7.176	34.176	6.99	26.766	26.767	31.307	35.738	40.063	44.289	129.8	0.123	7.071	60.4
70	6.631	6.624	34.213	6.83	26.870	26.871	31.424	35.867	40.205	44.443	120.0	0.135	5.731	70.5
80	5.897	5.891	34.174	6.82	26.934	26.935	31.507	35.968	40.323	44.577	113.9	0.147	4.548	80.5
90	5.425	5.418	34.166	6.69	26.986	26.987	31.571	36.044	40.410	44.675	109.0	0.158	4.071	90.6
100	4.849	4.842	34.135	6.64	27.029	27.030	31.629	36.116	40.496	44.774	105.0	0.169	3.718	100.7
120	4.481	4.472	34.133	6.67	27.068	27.069	31.677	36.174	40.563	44.850	101.4	0.189	2.506	120.9
140	4.135	4.125	34.122	6.59	27.096	27.097	31.715	36.221	40.618	44.913	98.8	0.209	2.159	141.0
160	4.000	3.989	34.129	6.57	27.116	27.117	31.739	36.247	40.648	44.946	97.1	0.229	1.781	161.2
180	3.955	3.942	34.132	6.59	27.123	27.124	31.746	36.256	40.659	44.958	96.6	0.248	1.034	181.3
200	3.914	3.901	34.143	6.56	27.135	27.137	31.760	36.271	40.674	44.975	95.5	0.268	1.440	201.5
220	3.864	3.848	34.148	6.38	27.145	27.147	31.771	36.283	40.688	44.989	94.8	0.287	1.251	221.7
240	3.745	3.728	34.143	6.47	27.152	27.154	31.782	36.297	40.705	45.009	94.2	0.306	1.137	241.8
260	3.695	3.677	34.147	6.41	27.161	27.163	31.792	36.309	40.718	45.023	93.5	0.324	1.183	262.0
280	3.735	3.716	34.161	6.27	27.168	27.170	31.798	36.314	40.722	45.026	93.0	0.343	1.050	282.2
300	3.536	3.516	34.143	6.24	27.173	27.175	31.809	36.330	40.743	45.052	92.5	0.362	1.034	302.4
320	3.429	3.408	34.152	6.19	27.190	27.192	31.829	36.353	40.768	45.080	91.0	0.380	1.680	322.5
340	3.268	3.245	34.147	6.19	27.202	27.204	31.846	36.374	40.793	45.109	89.9	0.398	1.456	342.7
360	3.172	3.149	34.149	6.18	27.212	27.214	31.858	36.389	40.811	45.129	89.0	0.416	1.304	362.9
380	3.094	3.070	34.155	6.08	27.224	27.227	31.873	36.405	40.829	45.149	87.9	0.434	1.423	383.1
400	3.028	3.002	34.158	6.04	27.233	27.235	31.883	36.417	40.843	45.165	87.2	0.451	1.212	403.3
450	2.975	2.947	34.188	5.82	27.261	27.264	31.913	36.449	40.875	45.198	84.8	0.494	1.356	453.8
500	2.824	2.793	34.214	5.62	27.296	27.299	31.952	36.491	40.922	45.248	81.6	0.536	1.514	504.3
550	2.780	2.745	34.244	5.37	27.323	27.326	31.981	36.521	40.953	45.280	79.3	0.576	1.330	554.8
600	2.740	2.702	34.268	5.22	27.347	27.350	32.005	36.546	40.979	45.307	77.4	0.615	1.222	605.3
650	2.716	2.675	34.301	5.02	27.374	27.378	32.033	36.575	41.008	45.337	75.0	0.653	1.332	655.8
700	2.731	2.687	34.336	4.81	27.401	27.405	32.060	36.602	41.034	45.362	72.8	0.690	1.298	706.3
750	2.672	2.624	34.369	4.65	27.433	27.437	32.093	36.636	41.070	45.399	70.1	0.726	1.424	756.9
800	2.685	2.633	34.397	4.46	27.454	27.459	32.115	36.657	41.090	45.419	68.4	0.760	1.158	807.5
900	2.631	2.573	34.452	4.25	27.502	27.507	32.164	36.708	41.142	45.473	64.4	0.827	1.312	908.6
1000	2.654	2.588	34.504	4.20	27.542	27.548	32.204	36.747	41.181	45.510	61.2	0.890	1.069	1009.9
1100	2.698	2.624	34.557	4.22	27.580	27.587	32.242	36.783	41.215	45.543	58.4	0.949	0.935	1111.2
1200	2.559	2.478	34.587	4.23	27.617	27.623	32.282	36.827	41.263	45.594	55.2	1.006	1.126	1212.5
1300	2.642	2.553	34.633	4.34	27.646	27.654	32.310	36.853	41.286	45.616	53.3	1.060	0.811	1313.9
1400	2.454	2.358	34.640	4.24	27.668	27.676	32.337	36.885	41.323	45.657	51.3	1.112	0.844	1415.3
1500	2.512	2.408	34.678	4.31	27.693	27.702	32.362	36.908	41.345	45.677	49.7	1.163	0.868	1516.8
1600	2.591	2.477	34.716	4.43	27.717	27.727	32.384	36.928	41.363	45.694	48.3	1.212	0.801	1618.3
1700	2.648	2.526	34.748	4.65	27.737	27.748	32.403	36.946	41.379	45.708	47.3	1.260	0.784	1719.9
1800	2.674	2.543	34.778	4.85	27.759	27.770	32.425	36.967	41.399	45.728	46.0	1.307	0.908	1821.6
1900	2.530	2.392	34.773	4.87	27.767	27.779	32.439	36.984	41.421	45.753	45.2	1.352	0.728	1923.2
2000	2.464	2.317	34.779	4.90	27.778	27.790	32.452	36.999	41.438	45.772	44.4	1.397	0.596	2025.0
2100	2.373	2.219	34.779	4.88	27.786	27.798	32.463	37.013	41.454	45.790	43.8	1.441	0.705	2126.8
2200	2.349	2.186	34.795	4.98	27.800	27.814	32.479	37.030	41.472	45.809	42.8	1.484	0.763	2228.6
2300	2.183	2.014	34.779	4.95	27.801	27.815	32.485	37.041	41.487	45.829	42.3	1.527	0.654	2330.5
2400	2.057	1.881	34.772	4.87	27.806	27.820	32.494	37.053	41.503	45.848	41.6	1.569	0.690	2432.4
2500	1.903	1.721	34.759	4.80	27.808	27.822	32.501	37.065	41.519	45.868	40.9	1.610	0.636	2534.4
2600	1.768	1.579	34.747	4.70	27.809	27.823	32.506	37.074	41.532	45.885	40.4	1.651	0.651	2636.4
2700	1.660	1.464	34.743	4.72	27.814	27.828	32.514	37.086	41.547	45.903	39.5	1.691	0.664	2738.5
2800	1.561	1.357	34.739	4.76	27.818	27.832	32.521	37.096	41.560	45.918	38.8	1.730	0.586	2840.6
2900	1.513	1.300	34.744	4.79	27.825	27.840	32.531	37.107	41.573	45.933	38.1	1.768	0.615	2942.8
3000	1.378	1.159	34.733	4.75	27.826	27.841	32.536	37.116	41.586	45.949	37.3	1.806	0.615	3045.0
3200	1.216	0.982	34.723	4.81	27.829	27.845	32.545	37.130	41.605	45.974	36.3	1.880	0.571	3249.6
3400	1.066	0.815	34.716	4.84	27.834	27.851	32.556	37.145	41.625	45.997	35.0	1.951	0.526	3454.3
3600	0.896	0.629	34.708	4.91	27.839	27.855	32.566	37.161	41.645	46.023	33.5	2.020	0.635	3659.3
3800	0.698	0.415	34.699	5.00	27.844	27.861	32.578	37.179	41.669	46.053	31.5	2.085	0.653	3864.4
4000	0.542	0.243	34.691	5.05	27.847	27.865	32.587	37.193	41.688	46.077	29.9	2.146	0.565	4069.8
4200	0.400	0.083	34.683	5.12	27.849	27.866	32.593	37.204	41.704	46.097	28.4	2.204	0.533	4275.3
4400	0.309	-0.027	34.677	5.19	27.849	27.868	32.598	37.212	41.715	46.111	27.5	2.260	0.552	4481.0
4600	0.273	-0.085	34.674	5.24	27.849	27.868	32.600	37.216	41.721	46.118	27.1	2.315	0.333	4686.9
4800	0.246	-0.133	34.673	5.25	27.850	27.870	32.603	37.221	41.727	46.125	26.8	2.368	0.180	4893.0
5000	0.237	-0.165	34.671	5.12	27.849	27.870	32.604	37.223	41.729	46.129	26.8	2.422	0.261	5099.2
5200	0.241	-0.187	34.670	5.10	27.848	27.870	32.605	37.224	41.732	46.132	26.9	2.476	-0.096	5305.7
5400	0.248	-0.204	34.669	5.13	27.847	27.870	32.606	37.225	41.733	46.134	27.1	2.530	0.119	5512.3
5600	0.259	-0.219	34.670	5.19	27.846	27.871	32.607	37.227	41.736	46.137	27.3	2.584	0.210	5719.1
5734	0.273	-0.222	34.668	5.16	27.844	27.870	32.606	37.226	41.735	46.136	27.7	2.621	-0.155	5858.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
1	13.836	13.835	34.204	6.06	1.9	0.61	4.60	0.09	25.625	25.625	34.314	42.605	2.	
47	8.216	8.211	34.161	6.86	3.0	1.17	13.30	0.19	26.603	26.604	35.527	44.035	48.	
96	4.834	4.827	34.136	6.69	9.7	1.65	23.30	0.24	27.031	27.032	36.119	44.778	97.	
146	4.143	4.133	34.143	6.83	11.5	1.69	24.10	0.24	27.112	27.113	36.235	44.927	148.	
197	3.887	3.874	34.143	6.85	12.6	1.73	24.60	0.02	27.138	27.140	36.276	44.980	199.	
295	3.418	3.398	34.142	6.46	18.5	1.86	26.90	0.01	27.184	27.186	36.347	45.075	298.	
396	3.150	3.125	34.178	5.99	25.9	1.99	28.90	0.00	27.238	27.240	36.415	45.156	400.	
506	2.937	2.904	34.287	5.59	34.6	2.13	30.90	0.00	27.344	27.347	36.532	45.282	512.	
591	2.762	2.724	34.271	5.25	40.8	2.20	32.00	0.01	27.347	27.350	36.545	45.305	597.	
790	2.692	2.641	34.394	4.54	56.5	2.34	34.00	0.00	27.451	27.455	36.653	45.415	799.	
989	2.543	2.478	34.485	4.19	68.3	2.39	34.80	0.00	27.536	27.542	36.747	45.516	1000.	
1184	2.585	2.506	34.582	4.09	71.8	2.33	33.90	0.00	27.610	27.617	36.819	45.585	1198.	
1378	2.609	2.514	34.655	4.19	71.1	2.21	32.30	0.00	27.666	27.675	36.875	45.639	1395.	
1578	2.640	2.528	34.719	4.40	69.7	2.10	30.80	0.00	27.715	27.725	36.923	45.686	1597.	
1769	2.508	2.381	34.749	4.47	71.9	2.06	30.20	0.01	27.750	27.761	36.967	45.737	1792.	
1973	2.433	2.289	34.771	4.59	72.8	1.97	29.10	0.04	27.774	27.786	36.997	45.771	1999.	
2464	2.037	1.856	34.780	4.78	81.2	1.97	28.90	0.00	27.814	27.828	37.063	45.859	2500.	
2955	1.434	1.218	34.737	4.69	103.4	2.15	31.30	0.00	27.825	27.841	37.112	45.942	3001.	
3439	1.027	0.772	34.713	4.78	114.4	2.20	32.10	0.00	27.834	27.851	37.148	46.002	3497.	
3937	0.577	0.283	34.691	4.94	122.1	2.27	32.60	0.00	27.845	27.862	37.188	46.069	4008.	
4401	0.310	-0.026	34.679	5.09	126.1	2.29	32.90	0.00	27.851	27.869	37.213	46.112	4485.	
4915	0.237	-0.156	34.670	5.18	128.1	2.32	33.10	0.01	27.848	27.868	37.221	46.126	5015.	
5728	0.273	-0.222	34.668	5.18	129.2	2.32	33.30	0.01	27.844	27.870	37.226	46.136	5855.	

SHIP AT CRUISE 107 STATION 87
START 46 1.90 S 56 1.28 W AT 530 80/ 1/ 6
WIND = 10M/S COR. DEPTH = 5342M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.442	13.442	34.174	5.82	25.682	25.682	30.087	34.387	38.587	42.692	231.7	0.000	0.000	- 0
10	13.403	13.401	34.175	6.38	25.691	25.691	30.097	34.397	38.598	42.704	231.1	0.023	1.653	10.1
20	13.400	13.397	34.175	6.45	25.692	25.692	30.098	34.399	38.599	42.706	231.3	0.046	1.598	20.2
30	13.404	13.400	34.175	6.51	25.691	25.692	30.097	34.398	38.599	42.705	231.6	0.069	1.563	30.2
40	9.144	9.140	34.176	7.03	26.470	26.471	30.966	35.352	39.636	43.821	157.6	0.089	15.665	40.3
50	7.173	7.168	34.176	6.89	26.767	26.767	31.308	35.738	40.065	44.291	129.5	0.103	9.674	50.3
60	6.069	6.064	34.162	6.83	26.903	26.904	31.471	35.928	40.279	44.530	116.6	0.116	6.571	60.4
70	5.837	5.831	34.191	6.71	26.955	26.956	31.529	35.991	40.348	44.603	111.8	0.127	4.056	70.5
80	5.385	5.379	34.167	6.57	26.991	26.992	31.577	36.051	40.418	44.683	108.4	0.138	3.416	80.6
90	5.071	5.064	34.155	6.58	27.019	27.020	31.613	36.094	40.469	44.742	105.8	0.149	2.986	90.6
100	4.843	4.836	34.149	6.55	27.041	27.042	31.641	36.128	40.508	44.786	103.9	0.159	2.641	100.7
120	4.457	4.448	34.139	6.52	27.075	27.076	31.685	36.182	40.572	44.859	100.7	0.180	2.356	120.9
140	4.231	4.221	34.132	6.49	27.094	27.095	31.710	36.213	40.608	44.901	99.0	0.200	1.768	141.0
160	4.095	4.083	34.134	6.65	27.110	27.111	31.730	36.236	40.635	44.931	97.7	0.219	1.618	161.2
180	4.003	3.991	34.138	6.62	27.122	27.124	31.745	36.254	40.654	44.953	96.6	0.239	1.414	181.4
200	3.921	3.907	34.142	6.61	27.134	27.135	31.759	36.270	40.673	44.972	95.7	0.258	1.373	201.5
220	3.834	3.818	34.141	6.54	27.142	27.144	31.769	36.283	40.688	44.990	95.0	0.277	1.171	221.7
240	3.752	3.736	34.147	6.45	27.155	27.156	31.784	36.299	40.707	45.011	94.0	0.296	1.439	241.8
260	3.665	3.647	34.152	6.40	27.168	27.169	31.800	36.317	40.726	45.033	92.9	0.315	1.455	262.0
280	3.604	3.585	34.155	6.30	27.176	27.178	31.810	36.329	40.740	45.048	92.2	0.333	1.186	282.2
300	3.494	3.474	34.155	6.26	27.187	27.189	31.823	36.345	40.759	45.069	91.3	0.351	1.343	302.4
320	3.420	3.399	34.159	6.21	27.197	27.199	31.836	36.360	40.775	45.088	90.4	0.370	1.311	322.5
340	3.313	3.291	34.159	6.13	27.207	27.210	31.849	36.376	40.794	45.109	89.4	0.388	1.349	342.7
360	3.172	3.149	34.158	6.11	27.219	27.222	31.865	36.396	40.818	45.136	88.3	0.405	1.447	362.9
380	3.094	3.070	34.168	6.04	27.235	27.237	31.883	36.415	40.839	45.159	87.0	0.423	1.582	383.1
400	3.012	2.987	34.174	5.96	27.247	27.250	31.898	36.432	40.858	45.180	85.8	0.440	1.466	403.3
450	2.884	2.856	34.196	5.83	27.276	27.278	31.929	36.468	40.897	45.222	83.3	0.482	1.372	453.8
500	2.735	2.704	34.214	5.60	27.304	27.306	31.962	36.504	40.937	45.265	80.8	0.523	1.370	504.0
550	2.720	2.686	34.257	5.34	27.339	27.342	31.997	36.540	40.972	45.301	77.8	0.563	1.494	554.8
600	2.722	2.684	34.289	5.08	27.365	27.368	32.023	36.565	40.998	45.327	75.6	0.601	1.277	605.3
650	2.727	2.686	34.320	4.92	27.389	27.393	32.048	36.589	41.022	45.350	73.7	0.639	1.234	655.8
700	2.679	2.635	34.356	4.72	27.422	27.426	32.082	36.625	41.058	45.388	70.8	0.675	1.458	706.4
750	2.641	2.593	34.386	4.53	27.449	27.453	32.110	36.654	41.088	45.419	68.5	0.710	1.320	756.9
800	2.657	2.605	34.422	4.41	27.476	27.481	32.137	36.680	41.114	45.443	66.3	0.743	1.295	807.5
900	2.537	2.479	34.466	4.13	27.522	27.527	32.187	36.732	41.169	45.501	62.3	0.808	1.240	908.7
1000	2.476	2.411	34.516	3.94	27.567	27.573	32.234	36.781	41.219	45.553	58.5	0.869	1.129	1009.9
1100	2.589	2.516	34.587	3.85	27.614	27.620	32.278	36.822	41.257	45.587	55.0	0.925	1.166	1111.2
1200	2.560	2.479	34.617	3.88	27.641	27.648	32.306	36.851	41.286	45.617	53.0	0.979	0.899	1212.5
1300	2.623	2.533	34.664	3.95	27.672	27.680	32.336	36.879	41.313	45.642	50.9	1.030	0.832	1313.9
1400	2.530	2.434	34.679	3.98	27.692	27.701	32.360	36.905	41.341	45.673	49.3	1.080	0.896	1415.3
1500	2.506	2.402	34.706	4.02	27.716	27.725	32.385	36.931	41.368	45.700	47.5	1.129	0.966	1516.8
1600	2.519	2.407	34.736	4.17	27.739	27.749	32.408	36.954	41.390	45.722	46.0	1.176	0.906	1618.4
1700	2.487	2.367	34.750	4.28	27.753	27.763	32.424	36.970	41.408	45.740	45.2	1.221	0.690	1720.0
1800	2.488	2.359	34.770	4.35	27.768	27.779	32.440	36.987	41.424	45.757	44.3	1.266	0.749	1821.6
1900	2.291	2.156	34.756	4.46	27.774	27.785	32.452	37.004	41.447	45.785	43.4	1.310	0.583	1923.3
2000	2.250	2.107	34.767	4.57	27.786	27.798	32.466	37.019	41.463	45.803	42.6	1.353	0.587	2025.0
2100	2.121	1.971	34.760	4.48	27.791	27.803	32.475	37.032	41.479	45.822	42.0	1.395	0.696	2126.8
2200	1.927	1.772	34.741	4.41	27.792	27.804	32.481	37.044	41.497	45.845	41.3	1.437	0.656	2228.6
2300	1.981	1.815	34.770	4.62	27.811	27.824	32.499	37.061	41.512	45.859	40.3	1.478	0.725	2330.3
2400	1.874	1.701	34.767	4.86	27.816	27.830	32.509	37.073	41.528	45.878	39.6	1.518	0.667	2432.4
2500	1.696	1.518	34.747	4.69	27.814	27.827	32.512	37.082	41.541	45.896	39.0	1.557	0.412	2534.4
2600	1.550	1.365	34.735	4.69	27.816	27.829	32.518	37.092	41.556	45.915	38.3	1.595	0.601	2636.5
2700	1.448	1.256	34.734	4.66	27.822	27.836	32.528	37.105	41.572	45.933	37.4	1.633	0.720	2738.5
2800	1.358	1.158	34.732	4.74	27.827	27.841	32.536	37.116	41.585	45.949	36.6	1.670	0.685	2840.6
2900	1.275	1.068	34.728	4.72	27.830	27.844	32.541	37.124	41.596	45.962	36.0	1.707	0.620	2942.8
3000	1.181	0.966	34.725	4.76	27.833	27.848	32.548	37.133	41.608	45.977	35.2	1.742	0.618	3045.0
3200	1.038	0.807	34.719	4.80	27.838	27.853	32.558	37.148	41.627	46.001	34.1	1.812	0.582	3249.6
3400	0.818	0.573	34.705	4.84	27.841	27.856	32.569	37.165	41.651	46.031	32.3	1.878	0.648	3454.4
3600	0.630	0.370	34.696	4.90	27.845	27.861	32.579	37.182	41.673	46.058	30.5	1.941	0.637	3659.4
3800	0.434	0.159	34.686	4.97	27.849	27.864	32.589	37.198	41.695	46.086	28.5	2.000	0.584	3864.5
4000	0.331	0.038	34.681	5.03	27.851	27.867	32.596	37.208	41.709	46.103	27.4	2.056	0.405	4069.8
4200	0.253	- 0.060	34.678	5.07	27.853	27.870	32.601	37.216	41.720	46.116	26.5	2.110	0.435	4275.4
4400	0.219	- 0.114	34.674	5.14	27.852	27.870	32.602	37.219	41.724	46.123	26.3	2.163	0.306	4481.1
4600	0.211	- 0.145	34.674	5.13	27.852	27.871	32.604	37.222	41.728	46.127	26.2	2.215	0.420	4687.0
4800	0.214	- 0.165	34.673	5.17	27.851	27.871	32.605	37.224	41.730	46.130	26.3	2.268	0.304	4893.1
5000	0.222	- 0.180	34.670	5.15	27.848	27.869	32.604	37.223	41.730	46.130	26.6	2.321	0.125	5099.3
5200	0.226	- 0.201	34.670	5.14	27.848	27.870	32.606	37.225	41.733	46.134	26.7	2.374	0.276	5305.8
5340	0.229	- 0.215	34.670	5.14	27.848	27.871	32.607	37.227	41.735	46.136	26.7	2.412	0.290	5451.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	13.346	13.346	34.181	6.21	2.4	0.60	4.50	0.09	25.707	25.707	34.415	42.724	0.	
44	7.336	7.332	34.153	6.44	4.8	1.36	14.70	0.32	26.726	26.726	35.690	44.236	45.	B1
93	4.839	4.832	34.157	6.62	9.5	1.64	23.00	0.17	27.047	27.048	36.134	44.793	94.	B1
140	4.133			6.74	11.4	1.71	24.40	0.05					142.	
189	3.936	3.923	34.143	6.61	13.5	1.75	24.90	0.02	27.133	27.135	36.268	44.970	191.	
286	3.507	3.488	34.150	6.37	18.6	1.86	26.80	0.02	27.182	27.183	36.340	45.063	289.	
387	3.075	3.051	34.180	6.03	26.0	2.00	28.90	0.01	27.246	27.248	36.427	45.172	391.	
591	2.744	2.706	34.281	5.16	42.7	2.22	32.30	0.01	27.356	27.360	36.556	45.316	597.	
785	2.622	2.572	34.401	4.43	59.1	2.36	34.20	0.01	27.463	27.467	36.668	45.434	793.	
981	2.480	2.417	34.508	4.10	72.0	2.40	34.80	0.02	27.560	27.566	36.774	45.545	992.	
1183	2.572	2.492	34.611	4.10	72.6	2.29	33.20	0.00	27.635	27.641	36.844	45.610	1197.	
1379	2.541	2.446	34.671	4.18	74.4	2.22	32.30	0.00	27.685	27.693	36.897	45.665	1396.	
1578	2.520	2.410	34.726	4.35	73.5	2.10	30.70	0.00	27.731	27.740	36.945	45.714	1597.	
1774	2.481	2.354	34.768	4.55	72.2	2.02	29.40	0.00	27.768	27.778	36.986	45.756	1797.	
1971	2.346	2.204	34.778	4.65	74.6	1.99	28.90	0.01	27.787	27.799	37.014	45.793	1997.	
2216	2.036	1.879	34.767	4.62	84.3	2.01	29.40	0.01	27.804	27.816	37.050	45.845	2247.	
2454	1.715	1.540	34.750	4.59	95.6	2.10	30.60	0.00	27.815	27.828	37.081	45.894	2490.	
2948	1.245	1.034	34.727	4.70	109.3	2.18	31.50	0.00	27.831	27.845	37.127	45.967	2994.	
3443	0.771	0.523	34.695	4.86	118.6	2.24	32.00	0.00	27.836	27.851	37.163	46.032	3501.	
3943	0.349	0.061	34.679	5.02	125.4	2.28	32.70	0.00	27.849	27.864	37.204	46.096	4014.	D1
4421	0.217	-0.118	34.674	5.11	128.6	2.30	33.00	0.00	27.852	27.870	37.220	46.123	4506.	
4909	0.219	-0.172	34.670	5.14	129.2	2.31	33.10	0.01	27.849	27.869	37.222	46.129	5008.	
5220	0.227	-0.203	34.672	5.18	129.7	2.32	33.20	0.01	27.850	27.872	37.227	46.136	5329.	
5323	0.228	-0.214	34.669	5.16	129.9	2.32	33.10	0.02	27.847	27.870	37.226	46.135	5436.	

SHIP AT CRUISE 107 STATION 88
START 45 59.21 S 56 32.55 W AT 1100 80/ 1/ 6
WIND = 15M/S COR. DEPTH = 5060M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.308	13.308	34.174	6.58	25.710	25.710	30.117	34.419	38.622	42.730	229.1	0.000	0.000	- .0
10	13.298	13.297	34.178	6.57	25.713	25.715	30.122	34.423	38.628	42.735	228.9	.023	1.253	10.1
20	13.288	13.285	34.180	6.66	25.719	25.719	30.127	34.430	38.633	42.741	228.7	.046	1.194	20.1
30	12.832	12.828	34.174	6.81	25.805	25.806	30.222	34.534	38.745	42.861	220.8	.068	5.215	30.2
40	8.711	8.707	34.163	7.20	26.528	26.529	31.034	35.430	39.723	43.917	152.1	.087	15.095	40.3
50	7.092	7.087	34.138	7.00	26.748	26.749	31.292	35.725	40.053	44.281	131.3	.101	8.339	50.3
60	6.357	6.351	34.129	6.78	26.841	26.841	31.402	35.852	40.197	44.441	122.6	.114	5.404	60.4
70	5.735	5.729	34.126	6.85	26.917	26.917	31.493	35.959	40.318	44.576	115.4	.126	4.913	70.5
80	5.335	5.329	34.127	6.78	26.966	26.967	31.553	36.028	40.397	44.664	110.8	.137	3.960	80.5
90	4.984	4.977	34.124	6.83	27.004	27.005	31.601	36.084	40.462	44.737	107.2	.148	3.517	90.6
100	4.601	4.594	34.117	6.75	27.042	27.043	31.649	36.142	40.529	44.813	103.7	.158	3.490	100.7
120	4.196	4.187	34.111	6.69	27.081	27.082	31.698	36.202	40.598	44.892	100.1	.179	2.508	120.8
140	3.990	3.980	34.114	6.71	27.103	27.106	31.727	36.237	40.638	44.936	97.9	.199	1.953	141.0
160	3.892	3.881	34.118	6.66	27.118	27.119	31.743	36.255	40.659	44.960	96.8	.218	1.461	161.2
180	3.795	3.783	34.120	6.67	27.130	27.131	31.758	36.272	40.678	44.981	95.9	.237	1.384	181.3
200	3.703	3.690	34.126	6.66	27.144	27.145	31.774	36.291	40.699	45.005	94.7	.256	1.306	201.5
220	3.639	3.624	34.132	6.55	27.155	27.156	31.787	36.305	40.715	45.022	93.8	.275	1.339	221.6
240	3.547	3.531	34.139	6.50	27.169	27.170	31.804	36.324	40.737	45.046	92.5	.294	1.326	241.8
260	3.455	3.437	34.143	6.42	27.181	27.183	31.819	36.342	40.757	45.068	91.4	.312	1.437	262.0
280	3.373	3.355	34.149	6.38	27.194	27.195	31.833	36.359	40.775	45.089	90.4	.330	1.434	282.2
300	3.268	3.249	34.151	6.30	27.205	27.207	31.848	36.376	40.796	45.112	89.3	.348	1.409	302.3
320	3.189	3.169	34.156	6.25	27.216	27.218	31.861	36.391	40.812	45.130	88.4	.366	1.341	322.5
340	3.095	3.073	34.160	6.20	27.229	27.231	31.876	36.409	40.833	45.153	87.3	.384	1.448	342.7
360	3.006	2.983	34.162	6.10	27.238	27.240	31.888	36.423	40.849	45.172	86.4	.401	1.270	362.8
380	2.914	2.890	34.165	6.06	27.248	27.251	31.901	36.438	40.867	45.192	85.5	.418	1.340	383.0
400	2.926	2.901	34.180	5.97	27.260	27.262	31.912	36.449	40.877	45.202	84.6	.435	1.333	403.2
450	2.871	2.843	34.212	5.71	27.290	27.292	31.944	36.482	40.911	45.237	82.0	.477	1.390	453.7
500	2.583	2.552	34.215	5.58	27.318	27.321	31.980	36.526	40.963	45.295	79.3	.517	1.414	504.2
550	2.711	2.676	34.274	5.31	27.354	27.357	32.012	36.554	40.988	45.316	76.4	.556	1.458	554.7
600	2.668	2.631	34.299	5.10	27.378	27.381	32.038	36.581	41.015	45.345	74.4	.594	1.245	605.2
650	2.645	2.604	34.329	4.91	27.403	27.407	32.064	36.608	41.042	45.373	72.2	.630	1.286	655.7
700	2.575	2.531	34.351	4.78	27.427	27.431	32.090	36.635	41.072	45.403	70.1	.666	1.253	706.2
750	2.590	2.543	34.390	4.57	27.456	27.460	32.119	36.664	41.099	45.431	67.7	.701	1.348	756.8
800	2.575	2.524	34.423	4.40	27.484	27.489	32.147	36.693	41.128	45.460	65.3	.734	1.338	807.4
900	2.565	2.506	34.495	4.20	27.542	27.547	32.206	36.751	41.186	45.518	60.5	.797	1.360	908.5
1000	2.589	2.523	34.551	4.18	27.585	27.591	32.248	36.792	41.227	45.558	57.1	.855	1.110	1009.7
1100	2.527	2.454	34.583	4.11	27.616	27.623	32.282	36.827	41.264	45.596	54.6	.911	.914	1111.0
1200	2.519	2.439	34.624	4.14	27.649	27.656	32.315	36.861	41.298	45.630	52.1	.964	.975	1212.3
1300	2.469	2.381	34.647	4.13	27.672	27.680	32.341	36.887	41.325	45.659	50.4	1.016	.807	1313.7
1400	2.606	2.509	34.695	4.25	27.699	27.707	32.364	36.907	41.341	45.671	48.9	1.065	.853	1415.1
1494	2.390	2.288	34.690	4.19	27.713	27.722	32.385	36.934	41.374	45.709	47.3	1.111	.843	1511.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
6	13.305	21.584		6.29	1.9	0.59	4.30	0.07					6.	
16	13.290	13.288	34.181		1.9	0.58	4.30	0.07	25.719	25.719	34.429	42.740	16.	
24	13.273	13.269	34.183		2.1	0.83	7.60	0.08	25.724	25.724	34.435	42.747	25.	
34	10.873	10.868	34.155	6.37	4.3	1.42	14.30	0.14	26.160	26.160	34.968	43.369	35.	B14
44	7.633	7.629	34.141		6.4	1.60	17.60	0.16	26.674	26.674	35.625	44.158	44.	
53	6.863	6.858	34.135		8.2	1.59	20.50	0.42	26.777	26.778	35.765	44.331	54.	
77	5.329	5.323	34.132	6.67	9.3	1.63	22.70	0.30	26.971	26.971	36.033	44.669	78.	
94	4.826	4.819	34.120	6.74	12.0	1.74	24.70	0.02	27.019	27.020	36.108	44.767	95.	
142	4.041	4.031	34.117	6.59	14.9	1.80	25.60	0.01	27.102	27.103	36.231	44.928	144.	
196	3.731	3.718	34.128	6.30	21.3	1.94	27.70	0.08	27.142	27.143	36.288	45.000	198.	
291	3.295	3.277	34.154	5.90	29.2	2.08	30.00	0.00	27.205	27.207	36.374	45.108	294.	
394	3.911	3.887	34.185	5.63	35.4	2.17	31.80	0.00	27.265	27.267	36.455	45.208	398.	
490	3.678	3.648	34.215	5.11	44.3	2.27	32.80	0.02	27.309	27.312	36.512	45.277	495.	
590	3.676	3.639	34.282	4.73	53.2	2.36	34.30	0.00	27.363	27.366	36.566	45.330	596.	
687	3.579	3.536	34.346	4.38	61.3	2.42	34.80	0.00	27.422	27.426	36.631	45.399	695.	
783	3.597	3.547	34.417	4.18	67.0	2.36	34.30	0.00	27.478	27.482	36.684	45.451	791.	
886	3.620	3.562	34.512	4.12	68.9	2.36	34.20	0.00	27.551	27.556	36.757	45.521	895.	
980	3.621	3.557	34.556	4.09	71.6	2.36	34.10	0.00	27.586	27.592	36.792	45.555	991.	
1060	3.578	3.508	34.585	4.11	72.5	2.32	33.30	0.01	27.613	27.619	36.821	45.587	1072.	
1177	3.566	3.487	34.644	4.14	77.2	2.28	33.00	0.00	27.661	27.668	36.870	45.636	1191.	B1
1174	3.565	3.486	34.650	4.12	78.2	2.30	33.30	0.00	27.666	27.673	36.875	45.641	1187.	B1
1174	3.565	3.486	34.658	4.17	76.5	2.29	33.00	0.02	27.673	27.679	36.881	45.647	1187.	B1
1370	3.606	3.511	34.683	4.24	72.0	2.24	32.30	0.00	27.689	27.697	36.897	45.661	1386.	
1482	3.405	3.303	34.689	4.19	79.1	2.26	32.60	0.00	27.711	27.720	36.931	45.706	1500.	

SHIP AT CRUISE 107 STATION 89
START 46 2.32 S 56 57.74 W AT 1415 80/ 1/ 6
WIND = 13M/S COR. DEPTH = 4520M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	13.236	13.236	34.189	6.60	25.736	25.736	30.144	34.448	38.652	42.761	226.6	0.000	0.000	- 0
10	13.181	13.180	34.187	6.68	25.745	25.746	30.155	34.460	38.665	42.775	225.9	0.023	1.736	10.1
20	13.167	13.164	34.188	6.77	25.749	25.750	30.159	34.465	38.670	42.780	225.8	0.045	1.132	20.2
30	13.143	13.139	34.188	6.72	25.753	25.754	30.165	34.470	38.676	42.786	225.7	0.068	1.199	30.2
40	9.669	9.665	34.154	7.24	26.367	26.367	30.850	35.226	39.499	43.674	167.5	0.087	13.897	40.3
50	7.619	7.614	34.172	7.19	26.700	26.701	31.231	35.652	39.968	44.185	135.9	0.103	10.261	50.3
60	6.340	6.335	34.180	6.97	26.883	26.883	31.444	35.895	40.239	44.483	118.6	0.115	7.596	60.4
70	5.846	5.840	34.174	6.88	26.941	26.941	31.514	35.977	40.333	44.588	113.2	0.127	4.288	70.5
80	5.382	5.376	34.162	6.83	26.988	26.989	31.574	36.048	40.415	44.681	108.7	0.138	3.909	80.6
90	4.866	4.860	34.136	6.79	27.027	27.028	31.626	36.113	40.493	44.771	105.0	0.149	3.547	90.6
100	4.496	4.489	34.111	6.77	27.049	27.050	31.658	36.154	40.543	44.830	103.0	0.159	2.657	100.7
120	4.181	4.173	34.109	6.73	27.081	27.082	31.698	36.203	40.600	44.894	100.1	0.179	2.275	120.9
140	4.086	4.076	34.121	6.70	27.101	27.102	31.721	36.227	40.626	44.923	98.4	0.199	1.771	141.0
160	3.969	3.958	34.120	6.65	27.112	27.113	31.735	36.245	40.647	44.946	97.4	0.219	1.364	161.2
180	3.964	3.951	34.139	6.72	27.127	27.128	31.751	36.260	40.662	44.961	96.2	0.238	1.544	181.4
200	3.930	3.917	34.144	6.69	27.135	27.136	31.759	36.270	40.673	44.972	95.6	0.257	1.116	201.5
220	3.841	3.825	34.142	6.61	27.142	27.144	31.769	36.282	40.687	44.989	95.0	0.276	1.130	221.7
240	3.696	3.679	34.140	6.64	27.155	27.157	31.786	36.303	40.711	45.017	93.9	0.295	1.464	241.9
260	3.605	3.588	34.142	6.58	27.166	27.167	31.799	36.318	40.729	45.037	93.0	0.314	1.334	262.0
280	3.553	3.534	34.149	6.41	27.176	27.178	31.811	36.332	40.744	45.053	92.1	0.333	1.315	282.2
300	3.503	3.483	34.155	6.38	27.186	27.188	31.823	36.345	40.758	45.068	91.3	0.351	1.283	302.4
320	3.388	3.367	34.153	6.31	27.196	27.198	31.835	36.360	40.776	45.089	90.5	0.369	1.282	322.5
340	3.302	3.280	34.156	6.25	27.206	27.208	31.848	36.375	40.794	45.109	89.6	0.387	1.335	342.7
360	3.282	3.259	34.166	6.16	27.215	27.218	31.858	36.386	40.805	45.120	88.8	0.405	1.227	362.9
380	3.214	3.189	34.171	6.15	27.226	27.228	31.871	36.400	40.821	45.138	87.9	0.423	1.330	383.1
400	2.978	2.953	34.160	6.06	27.239	27.241	31.890	36.426	40.853	45.176	86.5	0.440	1.573	403.3
450	2.730	2.702	34.165	6.03	27.265	27.267	31.923	36.465	40.899	45.228	84.2	0.483	1.336	453.8
500	2.610	2.579	34.192	5.90	27.297	27.299	31.959	36.504	40.941	45.272	81.3	0.524	1.456	504.3
550	2.650	2.616	34.234	5.63	27.327	27.329	31.987	36.531	40.966	45.297	78.8	0.564	1.352	554.8
600	2.601	2.564	34.255	5.38	27.348	27.351	32.010	36.556	40.992	45.324	77.0	0.603	1.189	605.3
650	2.628	2.587	34.292	5.12	27.375	27.379	32.037	36.581	41.017	45.348	74.8	0.641	1.298	655.8
700	2.632	2.588	34.331	4.85	27.406	27.410	32.068	36.612	41.046	45.377	72.2	0.678	1.386	706.4
750	2.690	2.641	34.370	4.65	27.432	27.436	32.092	36.634	41.068	45.397	70.2	0.713	1.248	756.9
800	2.613	2.562	34.395	4.47	27.459	27.463	32.121	36.665	41.101	45.431	67.8	0.748	1.338	807.5
900	2.538	2.480	34.453	4.19	27.511	27.516	32.176	36.722	41.159	45.491	63.3	0.813	1.357	908.7
1000	2.493	2.428	34.510	3.97	27.561	27.566	32.227	36.774	41.212	45.545	59.1	0.875	1.270	1009.9
1100	2.422	2.350	34.556	3.80	27.604	27.610	32.272	36.821	41.260	45.595	55.5	0.932	1.126	1111.2
1200	2.342	2.264	34.590	3.75	27.637	27.643	32.308	36.859	41.300	45.637	52.7	0.986	989	1212.5
1300	2.281	2.195	34.623	3.72	27.669	27.676	32.342	36.894	41.337	45.675	50.1	1.037	937	1313.9
1400	2.253	2.160	34.655	3.74	27.697	27.704	32.371	36.924	41.368	45.707	47.9	1.086	880	1415.3
1500	2.210	2.109	34.680	3.83	27.720	27.728	32.397	36.951	41.395	45.735	46.1	1.133	886	1516.8
1600	2.162	2.054	34.694	3.90	27.736	27.744	32.414	36.969	41.415	45.757	44.9	1.178	700	1618.4
1700	2.118	2.003	34.707	3.94	27.749	27.758	32.429	36.986	41.433	45.776	44.0	1.223	701	1720.0
1800	2.136	2.012	34.728	4.06	27.764	27.774	32.444	37.001	41.448	45.790	43.1	1.266	723	1821.6
1900	2.017	1.887	34.727	4.10	27.773	27.783	32.458	37.017	41.468	45.813	42.2	1.309	552	1923.3
2000	1.910	1.772	34.732	4.38	27.785	27.796	32.473	37.036	41.489	45.837	41.0	1.350	736	2025.0
2100	2.013	1.865	34.765	4.61	27.804	27.815	32.490	37.050	41.500	45.846	40.3	1.391	703	2126.8
2200	1.935	1.779	34.764	4.78	27.809	27.822	32.498	37.061	41.513	45.861	39.7	1.431	588	2228.6
2300	1.842	1.679	34.764	4.78	27.817	27.829	32.509	37.074	41.529	45.880	39.0	1.470	621	2330.5
2400	1.730	1.560	34.760	4.78	27.822	27.835	32.518	37.086	41.545	45.898	38.2	1.509	653	2432.5
2500	1.565	1.389	34.741	4.74	27.819	27.831	32.520	37.093	41.556	45.914	37.8	1.547	488	2534.4
2600	1.460	1.277	34.734	4.71	27.821	27.834	32.526	37.102	41.569	45.929	37.2	1.585	626	2636.5
2700	1.350	1.160	34.729	4.65	27.825	27.838	32.533	37.113	41.583	45.946	36.4	1.621	623	2738.5
2800	1.254	1.057	34.724	4.64	27.828	27.841	32.539	37.122	41.594	45.961	35.8	1.657	588	2840.7
2900	1.183	0.978	34.722	4.66	27.831	27.845	32.545	37.130	41.605	45.974	35.2	1.693	542	2942.8
3000	1.108	0.895	34.722	4.67	27.836	27.850	32.552	37.140	41.617	45.988	34.4	1.728	731	3045.1
3200	0.909	0.682	34.708	4.83	27.838	27.853	32.562	37.155	41.638	46.015	33.0	1.795	427	3249.6
3400	0.674	0.432	34.697	4.89	27.844	27.859	32.575	37.176	41.666	46.049	30.8	1.859	725	3454.4
3600	0.426	0.171	34.685	4.98	27.849	27.863	32.588	37.196	41.693	46.084	28.4	1.918	617	3659.4
3800	0.259	0.012	34.678	5.05	27.853	27.868	32.597	37.211	41.713	46.109	26.5	1.973	582	3864.5
4000	0.186	0.103	34.675	5.10	27.854	27.870	32.602	37.219	41.724	46.122	25.7	2.025	460	4069.9
4200	0.152	0.157	34.672	5.15	27.854	27.870	32.604	37.222	41.729	46.128	25.4	2.076	369	4275.4
4400	0.134	0.196	34.669	5.15	27.852	27.870	32.605	37.224	41.732	46.132	25.3	2.127	299	4481.1
4503	0.131	0.210	34.669	5.12	27.853	27.870	32.606	37.226	41.734	46.135	25.2	2.153	860	4588.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	13.436	13.436	34.192	6.29	1.6	0.57	4.20	0.08	25.698	25.698	34.402	42.708	0.	B1
48	7.071	7.066	34.179	6.58	5.1	1.44	17.20	0.42	26.783	26.784	35.760	44.317	49.	
99	4.693	4.686	34.140	6.70	9.1	1.65	23.50	0.03	27.050	27.051	36.145	44.811	100.	
139	4.170	4.160	34.135	6.86	11.1	1.70	24.30	0.29	27.103	27.104	36.225	44.916	141.	
191	3.934	3.921	34.139	6.79	12.6	1.74	24.80	0.02	27.130	27.132	36.265	44.968	193.	
290	3.456	3.437	34.139	6.40	18.1	1.88	26.90	0.02	27.178	27.180	36.339	45.065	293.	
393	3.113	3.088	34.171	6.06	25.1	2.00	28.80	0.01	27.235	27.238	36.415	45.158	397.	
598	2.611	2.574	34.240	5.42	38.9	2.20	31.90	0.01	27.335	27.338	36.542	45.310	604.	
787	2.612	2.561	34.379	4.56	55.9	2.35	33.90	0.01	27.446	27.450	36.653	45.419	795.	
986	2.506	2.442	34.494	4.14	70.8	2.42	34.90	0.03	27.547	27.552	36.759	45.530	997.	
1184	2.372	2.295	34.589	4.00	79.9	2.39	34.50	0.00	27.634	27.640	36.854	45.631	1197.	
1380	2.234	2.142	34.638	3.96	86.1	2.37	34.10	0.00	27.685	27.692	36.913	45.697	1397.	
1574	2.196	2.090	34.688	4.16	86.7	2.28	32.80	0.01	27.728	27.736	36.959	45.745	1594.	
1772	2.149	2.027	34.727	4.30	86.2	2.20	31.60	0.01	27.763	27.772	36.999	45.787	1795.	
1972	1.897	1.762	34.723	4.31	95.3	2.24	32.10	0.02	27.779	27.790	37.031	45.833	1999.	
2213	1.917	1.761	34.765	4.66	86.9	2.04	29.40	0.02	27.811	27.824	37.064	45.865	2244.	
2460	1.611	1.438	34.746	4.65	97.7	2.12	30.70	0.02	27.820	27.832	37.091	45.910	2496.	
2694	1.333	1.144	34.728	4.65	107.9	2.20	31.70	0.00	27.825	27.838	37.114	45.949	2735.	
2957	1.133	0.923	34.720	4.70	112.8	2.22	32.00	0.00	27.833	27.847	37.135	45.981	3003.	
3201	0.892	0.665	34.708	4.87	117.3	2.26	32.30	0.00	27.839	27.853	37.157	46.017	3253.	
3446	0.601	0.357	34.693	4.89	121.6	2.29	32.60	0.00	27.845	27.859	37.181	46.059	3504.	
3738	0.292	0.026	34.679	5.08	126.5	2.32	32.90	0.00	27.852	27.866	37.208	46.103	3804.	
4126	0.163	-0.139	34.672	5.13	128.4	2.33	33.10	0.00	27.853	27.869	37.220	46.125	4202.	
4500	0.132	-0.209	34.671	5.18	129.5	2.34	33.20	0.01	27.854	27.872	37.227	46.136	4587.	

SHIP AT CRUISE 107 STATION 90
START 45 58.30 S 57 29.89 W AT 2003 80/ 1/ 6
WIND = 16M/S COR. DEPTH = 3907M

DE	TE	PT	SA	OX	ST	SO	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.934	12.934	34.212	6.50	25.814	25.814	30.228	34.538	38.747	42.861	219.1	0.000	0.000	- 0
10	12.754	12.753	34.224	6.58	25.860	25.860	30.277	34.590	38.803	42.920	215.1	0.022	3.776	10.1
20	12.507	12.505	34.235	6.61	25.916	25.916	30.339	34.656	38.873	42.975	210.0	0.043	4.210	20.1
30	10.940	10.936	34.222	6.80	26.200	26.200	30.655	35.004	39.251	43.401	183.2	0.063	9.452	30.2
40	10.053	10.048	34.201	6.88	26.339	26.340	30.814	35.181	39.446	43.613	170.2	0.080	6.626	40.3
50	8.784	8.779	34.149	6.96	26.506	26.507	31.010	35.405	39.696	43.889	154.4	0.097	7.270	50.3
60	7.375	7.369	34.147	6.70	26.715	26.716	31.252	35.678	40.000	44.222	134.6	0.111	8.133	60.4
70	6.207	6.201	34.151	6.66	26.877	26.878	31.442	35.896	40.244	44.491	119.3	0.124	7.161	70.5
80	5.565	5.559	34.149	6.58	26.956	26.957	31.537	36.006	40.370	44.631	111.8	0.135	5.015	80.5
90	5.147	5.140	34.140	6.63	26.999	26.999	31.590	36.070	40.443	44.714	107.8	0.146	3.686	90.6
100	4.636	4.629	34.120	6.62	27.041	27.041	31.646	36.139	40.524	44.807	103.8	0.157	3.689	100.7
120	4.185	4.176	34.113	6.61	27.083	27.084	31.701	36.205	40.601	44.895	99.9	0.177	2.630	120.8
140	4.011	4.001	34.118	6.54	27.106	27.107	31.728	36.236	40.637	44.935	97.9	0.197	1.896	141.0
160	3.904	3.893	34.120	6.44	27.118	27.119	31.743	36.255	40.658	44.959	96.8	0.216	1.430	161.2
180	3.837	3.825	34.131	6.45	27.134	27.135	31.761	36.274	40.679	44.981	95.5	0.236	1.584	181.3
200	3.758	3.745	34.134	6.31	27.144	27.145	31.773	36.288	40.695	44.999	94.6	0.255	1.305	201.5
220	3.660	3.645	34.139	6.30	27.158	27.159	31.790	36.307	40.717	45.023	93.5	0.273	1.494	221.6
240	3.607	3.591	34.139	6.26	27.163	27.165	31.797	36.316	40.727	45.034	93.1	0.292	977	241.8
260	3.523	3.506	34.142	6.22	27.174	27.175	31.810	36.331	40.744	45.053	92.2	0.311	1.317	262.0
280	3.432	3.413	34.146	6.21	27.186	27.187	31.824	36.348	40.763	45.075	91.2	0.329	1.405	282.2
300	3.349	3.329	34.149	6.16	27.196	27.198	31.837	36.363	40.780	45.094	90.3	0.347	1.316	302.3
320	3.275	3.254	34.149	6.08	27.203	27.205	31.846	36.374	40.793	45.109	89.7	0.365	1.105	322.5
340	3.248	3.226	34.159	6.02	27.213	27.215	31.857	36.385	40.805	45.121	88.8	0.383	1.289	342.7
360	3.157	3.134	34.159	6.00	27.222	27.224	31.868	36.399	40.821	45.140	88.1	0.401	1.240	362.8
380	3.057	3.033	34.157	5.99	27.229	27.231	31.878	36.412	40.837	45.158	87.4	0.418	1.127	383.0
400	2.969	2.944	34.162	5.98	27.242	27.244	31.893	36.429	40.856	45.180	86.3	0.436	1.451	403.2
450	2.768	2.740	34.176	5.86	27.270	27.273	31.928	36.469	40.901	45.229	83.7	0.478	1.401	453.7
500	2.726	2.695	34.206	5.70	27.298	27.301	31.957	36.499	40.932	45.261	81.3	0.519	1.335	504.2
550	2.605	2.572	34.229	5.56	27.327	27.330	31.989	36.534	40.970	45.302	78.7	0.559	1.386	554.7
600	2.759	2.721	34.291	5.21	27.363	27.366	32.021	36.561	40.993	45.321	75.9	0.598	1.447	605.2
650	2.718	2.676	34.329	4.91	27.397	27.400	32.055	36.597	41.030	45.358	72.9	0.635	1.470	655.7
700	2.683	2.638	34.355	4.79	27.421	27.424	32.081	36.623	41.057	45.386	70.9	0.671	1.248	706.2
750	2.632	2.585	34.376	4.59	27.442	27.446	32.104	36.647	41.082	45.413	69.1	0.706	1.188	756.8
800	2.613	2.561	34.413	4.37	27.473	27.477	32.135	36.679	41.114	45.445	66.5	0.740	1.403	807.3
900	2.555	2.497	34.469	4.07	27.523	27.528	32.187	36.732	41.168	45.500	62.3	0.805	1.390	908.5
1000	2.551	2.486	34.526	3.91	27.568	27.574	32.233	36.778	41.214	45.546	58.6	0.865	1.076	1009.7
1100	2.581	2.508	34.580	3.76	27.609	27.616	32.274	36.818	41.253	45.583	55.4	0.922	1.059	1111.0
1200	2.429	2.350	34.603	3.83	27.640	27.647	32.309	36.857	41.296	45.631	52.6	0.976	911	1212.3
1300	2.321	2.235	34.622	3.78	27.665	27.672	32.337	36.888	41.330	45.667	50.6	1.027	889	1313.7
1400	2.329	2.235	34.663	3.76	27.696	27.704	32.369	36.920	41.361	45.698	48.2	1.076	916	1415.1
1500	2.450	2.347	34.707	3.92	27.722	27.730	32.392	36.939	41.377	45.711	46.8	1.124	891	1516.6
1600	2.269	2.160	34.710	3.90	27.739	27.748	32.414	36.967	41.410	45.748	45.0	1.170	797	1618.1
1700	2.186	2.069	34.721	3.99	27.755	27.764	32.433	36.988	41.433	45.774	43.7	1.214	703	1719.7
1800	2.135	2.010	34.728	4.07	27.765	27.775	32.446	37.002	41.449	45.791	43.0	1.258	735	1821.3
1900	2.149	2.017	34.751	4.46	27.782	27.793	32.463	37.019	41.466	45.807	42.0	1.300	749	1922.9
2000	2.164	2.023	34.773	4.70	27.798	27.809	32.479	37.035	41.481	45.822	41.1	1.342	698	2024.7
2100	2.049	1.900	34.767	4.71	27.802	27.814	32.488	37.046	41.496	45.840	40.6	1.383	634	2126.4
2200	1.955	1.779	34.759	4.73	27.806	27.818	32.495	37.057	41.510	45.857	40.1	1.423	601	2228.3
2300	1.799	1.637	34.751	4.67	27.809	27.821	32.502	37.069	41.525	45.877	39.4	1.463	644	2330.1
2400	1.733	1.563	34.752	4.70	27.815	27.828	32.511	37.080	41.538	45.892	38.8	1.502	629	2432.0
2500	1.633	1.456	34.752	4.81	27.823	27.836	32.522	37.094	41.555	45.911	37.8	1.540	732	2534.0
2600	1.450	1.267	34.731	4.79	27.819	27.832	32.524	37.101	41.568	45.929	37.3	1.578	567	2636.0
2700	1.394	1.203	34.730	4.80	27.822	27.836	32.529	37.108	41.576	45.939	37.0	1.615	562	2738.1
2800	1.317	1.119	34.727	4.81	27.826	27.840	32.536	37.117	41.587	45.953	36.4	1.652	570	2840.2
2900	1.242	1.036	34.723	4.79	27.828	27.842	32.540	37.124	41.597	45.964	35.9	1.688	597	2942.3
3000	1.146	0.933	34.719	4.81	27.831	27.845	32.546	37.133	41.609	45.979	35.2	1.723	568	3044.5
3200	0.965	0.736	34.710	4.88	27.836	27.850	32.558	37.150	41.631	46.006	33.7	1.792	574	3249.1
3400	0.740	0.497	34.699	4.91	27.841	27.856	32.571	37.169	41.657	46.039	31.6	1.857	693	3453.8
3600	0.484	0.228	34.687	4.97	27.847	27.862	32.585	37.191	41.687	46.076	29.0	1.918	687	3658.7
3800	0.184	0.085	34.673	5.10	27.853	27.867	32.599	37.215	41.719	46.117	25.8	1.973	840	3863.8
3905	0.158	0.120	34.674	5.05	27.855	27.870	32.603	37.220	41.725	46.124	25.4	2.000	542	3972.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	SO	S2	S4	PR	FLAG
0	12.883	12.882	34.225	6.55	2.0	0.78	8.10	0.10	25.834	25.835	34.560	42.885	0.	
25	11.117	11.114	34.229	6.57	1.7	0.78	8.10	0.10	26.173	26.174	34.970	43.360	26.	
57	7.253	7.248	34.149	6.34	5.2	1.52	15.90	0.17	26.734	26.735	35.703	44.252	58.	
97	4.924	4.917	34.138	6.63	8.8	1.66	23.00	0.22	27.034	27.035	36.122	44.782	98.	
135	4.124	4.115	34.118	6.69	10.7	1.73	24.50	0.15	27.094	27.095	36.219	44.912	137.	
194	3.797	3.784	34.134	6.60	13.9	1.79	25.50	0.02	27.140	27.142	36.282	44.991	196.	
233	3.887	3.871	34.174	6.24	16.6	1.85	26.50	0.01	27.163	27.165	36.300	45.005	235.	
299	3.573	3.553	34.178	6.12	19.9	1.93	27.70	0.01	27.197	27.199	36.352	45.071	302.	
489	2.778	2.748	34.225	5.50	34.9	2.16	31.30	0.02	27.309	27.311	36.506	45.265	494.	
586	2.645	2.601	34.324	4.84	49.2	2.32	33.50	0.01	27.399	27.403	36.604	45.369	693.	
875	2.562	2.506	34.464	4.20	66.2	2.41	34.80	0.00	27.518	27.523	36.727	45.495	885.	
1081	2.512	2.441	34.564	4.06	73.2	2.39	34.30	0.00	27.602	27.608	36.814	45.584	1093.	
1279	2.325	2.241	34.613	3.98	82.0	2.38	34.30	0.00	27.657	27.664	36.880	45.659	1294.	
1479	2.400	2.299	34.694	4.19	79.0	2.24	32.20	0.00	27.715	27.724	36.935	45.710	1497.	
1677	2.214	2.099	34.715	4.24	84.6	2.21	31.90	0.00	27.748	27.757	36.979	45.764	1698.	
1971	2.161	2.022	34.770	4.58	81.0	2.05	29.50	0.00	27.796	27.807	37.033	45.821	1997.	
2210	1.913	1.757	34.759	4.62	88.0	2.10	30.20	0.00	27.807	27.819	37.060	45.861	2240.	
2465	1.715	1.539	34.759	4.70	93.3	2.10	30.30	0.00	27.822	27.835	37.088	45.901	2501.	
2708	1.400	1.209	34.725	4.63	104.2	2.15	31.80	0.01	27.818	27.832	37.104	45.935	2748.	
2954	1.188	0.977	34.720	4.73	111.8	2.19	32.80	0.00	27.829	27.843	37.128	45.972	3000.	
3194	0.971	0.742	34.713	4.78	116.3	2.16	32.50	0.01	27.838	27.853	37.151	46.008	3245.	B4
3445	0.685	0.439	34.695	4.89	120.8	2.24	32.80	0.01	27.842	27.856	37.173	46.046	3503.	
3689	0.370	0.108	34.683	5.03	125.8	2.30	33.40	0.01	27.851	27.865	37.202	46.093	3753.	
3900	0.159	-0.119	34.673	5.11	129.7	2.29	33.50	0.02	27.854	27.869	37.219	46.123	3970.	

SHIP AT CRUISE 107 STATION 91
START 46 59 S 58 2.71 W AT 2246 80/ 1/ 6
WIND = 11M/S COR. DEPTH = 3417M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.262	12.262	34.245	6.40	25.971	25.971	30.399	34.721	38.942	43.068	204.2	0.000	0.000	-0
10	12.181	12.179	34.237	6.82	25.981	25.981	30.410	34.734	38.957	43.084	203.6	0.020	1.719	10.1
20	9.735	9.732	34.118	7.32	26.328	26.328	30.810	35.184	39.456	43.630	170.8	0.039	10.444	20.2
30	9.604	9.601	34.130	7.39	26.359	26.360	30.844	35.222	39.496	43.673	168.0	0.056	3.158	30.2
40	7.777	7.773	34.110	7.75	26.629	26.629	31.156	35.573	39.886	44.101	142.5	0.072	9.215	40.3
50	6.942	6.938	34.243	7.70	26.852	26.852	31.398	35.833	40.164	44.395	121.5	0.085	8.376	50.4
60	6.094	6.089	34.230	7.19	26.954	26.954	31.521	35.977	40.327	44.576	111.8	0.096	5.690	60.4
70	5.167	5.162	34.146	7.14	27.001	27.001	31.592	36.071	40.443	44.714	107.4	0.107	3.894	70.5
80	4.889	4.883	34.147	6.96	27.034	27.034	31.632	36.118	40.497	44.775	104.3	0.118	3.244	80.6
90	4.655	4.648	34.138	6.90	27.053	27.053	31.657	36.149	40.534	44.817	102.6	0.128	2.477	90.6
100	4.462	4.455	34.127	6.88	27.065	27.066	31.675	36.172	40.562	44.849	101.5	0.139	2.031	100.7
120	4.206	4.197	34.122	6.77	27.088	27.089	31.705	36.209	40.605	44.898	99.4	0.159	1.938	120.9
140	4.064	4.055	34.123	6.68	27.105	27.106	31.725	36.232	40.632	44.928	98.0	0.178	1.620	141.1
160	3.976	3.965	34.124	6.69	27.114	27.115	31.737	36.246	40.648	44.947	97.3	0.198	1.241	161.2
180	3.913	3.901	34.127	6.63	27.123	27.124	31.748	36.259	40.662	44.962	96.6	0.217	1.205	181.4
200	3.841	3.828	34.129	6.60	27.132	27.133	31.759	36.272	40.677	44.979	95.9	0.237	1.209	201.5
220	3.764	3.749	34.134	6.54	27.144	27.145	31.773	36.288	40.694	44.999	94.9	0.256	1.402	221.7
240	3.730	3.714	34.137	6.49	27.150	27.151	31.780	36.296	40.704	45.008	94.4	0.275	1.000	241.9
260	3.657	3.639	34.140	6.44	27.159	27.161	31.791	36.309	40.719	45.025	93.7	0.293	1.250	262.1
280	3.578	3.559	34.143	6.42	27.169	27.171	31.804	36.324	40.735	45.044	92.8	0.312	1.316	282.2
300	3.517	3.497	34.146	6.35	27.178	27.180	31.814	36.335	40.749	45.058	92.1	0.330	1.178	302.4
320	3.442	3.421	34.149	6.30	27.187	27.189	31.825	36.349	40.764	45.076	91.3	0.349	1.259	322.6
340	3.331	3.309	34.149	6.24	27.198	27.200	31.839	36.366	40.783	45.098	90.4	0.367	1.351	342.7
360	3.227	3.204	34.150	6.23	27.208	27.211	31.853	36.382	40.803	45.119	89.4	0.385	1.365	362.9
380	3.168	3.143	34.155	6.16	27.218	27.220	31.864	36.395	40.817	45.135	88.6	0.403	1.263	383.1
400	3.124	3.099	34.162	6.08	27.227	27.230	31.875	36.407	40.830	45.149	87.8	0.420	1.243	403.3
450	2.918	2.889	34.166	5.94	27.249	27.252	31.902	36.440	40.868	45.193	85.9	0.464	1.237	453.8
500	2.842	2.811	34.197	5.79	27.281	27.284	31.936	36.475	40.905	45.232	83.1	0.506	1.435	504.3
550	2.685	2.650	34.214	5.60	27.308	27.311	31.967	36.511	40.945	45.275	80.6	0.547	1.352	554.8
600	2.737	2.699	34.260	5.31	27.340	27.343	31.998	36.540	40.973	45.301	78.0	0.587	1.404	605.3
650	2.649	2.608	34.285	5.07	27.368	27.371	32.029	36.573	41.007	45.338	75.5	0.625	1.358	655.8
700	2.647	2.603	34.324	4.79	27.399	27.403	32.060	36.604	41.039	45.369	72.9	0.662	1.402	706.4
750	2.711	2.663	34.365	4.57	27.426	27.430	32.086	36.628	41.060	45.389	70.7	0.698	1.277	756.9
800	2.639	2.588	34.399	4.35	27.460	27.464	32.121	36.665	41.099	45.429	67.7	0.733	1.485	807.5
900	2.560	2.502	34.458	4.11	27.513	27.518	32.177	36.722	41.159	45.491	63.2	0.798	1.264	908.7
1000	2.512	2.447	34.509	3.98	27.558	27.564	32.224	36.770	41.207	45.540	59.4	0.859	1.120	1009.9
1100	2.440	2.368	34.551	3.95	27.598	27.604	32.266	36.814	41.253	45.587	56.1	0.917	1.105	1111.2
1200	2.389	2.310	34.595	3.94	27.637	27.644	32.307	36.856	41.296	45.632	52.8	0.971	1.082	1212.5
1300	2.339	2.253	34.630	4.01	27.670	27.677	32.341	36.892	41.333	45.670	50.2	1.023	1.002	1313.9
1400	2.329	2.235	34.660	4.13	27.694	27.702	32.367	36.917	41.359	45.696	48.4	1.072	0.977	1415.4
1500	2.291	2.189	34.684	4.16	27.717	27.725	32.391	36.943	41.386	45.723	46.7	1.119	0.805	1516.8
1600	2.282	2.173	34.711	4.32	27.739	27.748	32.414	36.966	41.409	45.747	45.1	1.165	0.804	1618.4
1700	2.164	2.048	34.711	4.26	27.749	27.758	32.427	36.983	41.429	45.771	44.2	1.210	0.738	1720.0
1800	2.031	1.909	34.712	4.28	27.760	27.770	32.444	37.003	41.453	45.798	43.0	1.254	0.741	1821.6
1900	1.993	1.863	34.727	4.38	27.775	27.785	32.460	37.020	41.471	45.817	41.9	1.296	0.688	1923.3
2000	1.967	1.828	34.741	4.48	27.788	27.799	32.475	37.036	41.488	45.835	41.0	1.337	0.666	2025.0
2100	1.920	1.773	34.750	4.57	27.799	27.811	32.488	37.050	41.503	45.851	40.2	1.378	0.595	2126.8
2200	1.813	1.660	34.745	4.71	27.803	27.815	32.495	37.061	41.517	45.868	39.6	1.418	0.644	2228.7
2300	1.773	1.611	34.748	4.67	27.809	27.822	32.503	37.071	41.528	45.880	39.2	1.457	0.583	2330.5
2400	1.721	1.551	34.750	4.70	27.815	27.827	32.511	37.080	41.538	45.892	38.8	1.496	0.490	2432.5
2500	1.641	1.464	34.744	4.71	27.816	27.829	32.515	37.086	41.548	45.903	38.6	1.535	0.559	2534.5
2600	1.559	1.374	34.742	4.68	27.820	27.833	32.522	37.096	41.560	45.918	38.0	1.573	0.515	2636.5
2700	1.456	1.264	34.735	4.68	27.822	27.835	32.527	37.104	41.571	45.932	37.4	1.611	0.587	2738.6
2800	1.376	1.176	34.732	4.71	27.825	27.839	32.533	37.113	41.582	45.946	36.9	1.648	0.565	2840.7
2900	1.285	1.078	34.725	4.67	27.826	27.840	32.537	37.120	41.592	45.958	36.4	1.685	0.584	2942.8
3000	1.213	0.997	34.722	4.70	27.829	27.843	32.543	37.128	41.602	45.970	35.8	1.721	0.611	3045.1
3200	1.068	0.837	34.717	4.73	27.834	27.849	32.554	37.143	41.621	45.994	34.6	1.791	0.586	3249.6
3400	0.649	0.409	34.697	4.93	27.846	27.860	32.577	37.179	41.669	46.053	30.5	1.858	0.311	3454.4
3420	0.711	0.467	34.697	4.94	27.842	27.856	32.572	37.172	41.660	46.043	31.4	1.865	-1.193	3475.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	12.301	12.301	34.254	6.46	1.1	0.79	8.40	0.11	25.971	25.971	34.719	43.064	0.	
28	9.661	9.658	34.135	7.06	1.2	1.03	13.40	0.15	26.353	26.354	35.213	43.662	29.	
55	6.223	6.218	34.212	6.44	5.6	1.53	18.60	0.38	26.923	26.924	35.940	44.534	56.	
97	4.832	4.825	34.147	6.63	8.4	1.67	23.60	0.04	27.040	27.041	36.128	44.787	99.	
144	4.376	4.365	34.172	6.47	11.1	1.75	25.00	0.02	27.110	27.111	36.221	44.902	145.	
197	3.818	3.805	34.135	6.66	12.8	1.79	25.60	0.02	27.139	27.140	36.280	44.988	199.	
245	3.664	3.647	34.144	6.46	15.5	1.88	26.60	0.02	27.161	27.163	36.311	45.027	248.	
297	3.561	3.541	34.152	6.36	17.1	1.90	27.30	0.02	27.178	27.180	36.333	45.054	300.	
391	3.129	3.104	34.160	6.15	22.5	1.99	28.60	0.02	27.225	27.228	36.404	45.146	395.	
490	2.707	2.677	34.179	5.91	29.8	2.11	30.50	0.04	27.278	27.281	36.480	45.244	495.	
688	2.630	2.586	34.306	4.97	46.8	2.32	33.40	0.01	27.386	27.390	36.592	45.358	696.	
886	2.565	2.508	34.443	4.29	63.6	2.43	35.10	0.01	27.501	27.506	36.710	45.478	896.	
1085	2.454	2.383	34.625	4.00	80.9	2.39	34.40	0.01	27.656	27.662	36.870	45.641	1097.	B1
1281	2.341	2.256	34.621	4.01	81.0	2.39	34.40	0.01	27.662	27.669	36.884	45.662	1296.	
1479	2.274	2.174	34.679	4.14	82.8	2.30	33.10	0.01	27.714	27.722	36.941	45.722	1497.	
1676	2.184	2.070	34.711	4.26	85.7	2.25	32.30	0.01	27.747	27.756	36.980	45.766	1697.	
1849	2.088	1.960	34.731	4.38	86.3	2.19	31.70	0.01	27.771	27.781	37.011	45.802	1873.	
2070	1.930	1.786	34.751	4.56	88.2	2.13	30.90	0.00	27.799	27.810	37.050	45.850	2098.	
2263	1.796	1.637	34.747	4.58	92.4	2.15	31.10	0.01	27.806	27.818	37.066	45.874	2295.	
2461	1.664	1.490	34.744	4.64	96.5	2.18	31.40	0.00	27.814	27.827	37.083	45.899	2496.	
2657	1.494	1.305	34.735	4.63	102.3	2.20	31.70	0.01	27.819	27.833	37.099	45.925	2697.	
2849	1.323	1.120	34.732	4.65	107.9	2.24	32.10	0.01	27.829	27.843	37.120	45.956	2893.	
3048	1.188	0.968	34.721	4.72	111.2	2.26	32.40	0.00	27.830	27.844	37.130	45.974	3097.	
3400	0.620	0.380	34.695	4.90	121.5	2.32	33.10	0.01	27.846	27.860	37.180	46.056	3457.	

SHIP AT CRUISE 107 STATION 92
START 46 1.13 S 58 30.16 W AT 308 80/ 1/ 7
WIND = 12M/S COR. DEPTH = 2594M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	SV	PR
0	12.415	12.415	34.141	6.27	25.861	25.861	30.286	34.606	38.826	42.949	214.7	0.000	0.000	-0
10	12.155	12.154	34.213	7.06	25.967	25.967	30.397	34.721	38.943	43.073	204.9	.021	5.747	10.1
20	11.048	11.046	34.142	7.21	26.118	26.118	30.572	34.919	39.164	43.313	190.8	.041	6.891	20.2
30	9.759	9.755	34.081	7.35	26.293	26.293	30.777	35.151	39.423	43.597	174.1	.059	7.464	30.2
40	8.069	8.065	34.103	7.61	26.580	26.580	31.100	35.511	39.818	44.026	147.2	.075	9.472	40.3
50	7.711	7.706	34.260	7.37	26.756	26.757	31.284	35.702	40.015	44.230	130.6	.089	7.448	50.3
60	6.852	6.847	34.280	7.09	26.893	26.894	31.441	35.878	40.211	44.443	117.7	.101	6.578	60.4
70	5.840	5.834	34.212	7.12	26.972	26.972	31.545	36.008	40.364	44.619	110.2	.113	5.017	70.5
80	5.083	5.077	34.139	7.23	27.005	27.006	31.598	36.080	40.454	44.727	107.1	.124	3.298	80.6
90	4.749	4.743	34.142	7.24	27.045	27.046	31.647	36.137	40.519	44.800	103.3	.134	3.581	90.6
100	4.495	4.488	34.140	7.26	27.072	27.073	31.681	36.177	40.565	44.852	100.8	.144	2.937	100.7
120	4.259	4.251	34.143	7.17	27.100	27.101	31.715	36.217	40.612	44.904	98.3	.164	2.121	120.9
140	4.165	4.155	34.150	7.01	27.115	27.116	31.733	36.237	40.634	44.928	97.0	.184	1.562	141.0
160	4.104	4.093	34.160	6.92	27.129	27.131	31.749	36.255	40.653	44.948	95.9	.203	1.515	161.2
180	4.012	4.000	34.157	6.77	27.137	27.138	31.759	36.267	40.668	44.966	95.3	.222	1.123	181.4
200	3.983	3.970	34.164	6.73	27.145	27.146	31.768	36.277	40.678	44.976	94.7	.241	1.141	201.5
220	3.836	3.821	34.156	6.72	27.154	27.155	31.781	36.294	40.699	45.001	93.9	.260	1.238	221.7
240	3.698	3.682	34.149	6.76	27.162	27.164	31.793	36.309	40.718	45.023	93.2	.279	1.204	241.9
260	3.565	3.547	34.141	6.84	27.169	27.171	31.804	36.324	40.736	45.045	92.7	.297	1.128	262.0
280	3.467	3.449	34.142	6.72	27.179	27.180	31.816	36.339	40.753	45.064	91.8	.316	1.273	282.2
300	3.309	3.289	34.137	6.70	27.190	27.192	31.832	36.359	40.778	45.093	90.8	.334	1.422	302.4
320	3.210	3.190	34.136	6.65	27.198	27.200	31.843	36.373	40.794	45.111	90.1	.352	1.195	322.6
340	3.150	3.128	34.141	6.57	27.208	27.210	31.855	36.386	40.808	45.127	89.2	.370	1.266	342.7
360	3.105	3.082	34.142	6.49	27.213	27.215	31.861	36.393	40.817	45.137	88.9	.388	.919	362.9
380	3.981	3.957	34.140	6.43	27.223	27.225	31.874	36.410	40.837	45.160	87.9	.406	1.335	383.1
400	3.082	3.056	34.164	6.29	27.232	27.235	31.881	36.414	40.838	45.158	87.3	.423	1.153	403.3
450	2.921	2.893	34.181	6.03	27.261	27.263	31.914	36.451	40.879	45.203	84.8	.466	1.372	453.8
500	2.765	2.734	34.197	5.86	27.287	27.290	31.945	36.486	40.918	45.246	82.4	.508	1.343	504.3
550	2.650	2.615	34.217	5.64	27.314	27.317	31.974	36.519	40.954	45.285	80.0	.549	1.330	554.8
600	2.625	2.588	34.253	5.39	27.345	27.348	32.006	36.551	40.986	45.317	77.4	.588	1.402	605.3
650	2.628	2.588	34.298	5.08	27.380	27.383	32.041	36.585	41.021	45.352	74.4	.626	1.482	655.8
700	2.643	2.599	34.335	4.82	27.408	27.412	32.069	36.613	41.048	45.378	72.0	.662	1.328	706.4
750	2.635	2.587	34.364	4.63	27.432	27.436	32.094	36.637	41.072	45.403	70.0	.698	1.238	756.9
800	2.625	2.573	34.394	4.42	27.457	27.461	32.119	36.663	41.097	45.428	68.0	.733	1.247	807.5
900	2.559	2.501	34.457	4.15	27.513	27.518	32.177	36.722	41.158	45.490	63.2	.798	1.329	908.7
1000	2.456	2.392	34.510	3.99	27.563	27.569	32.231	36.778	41.217	45.551	58.8	.859	1.314	1009.9
1100	2.418	2.346	34.559	3.95	27.606	27.612	32.274	36.823	41.263	45.598	55.3	.916	1.161	1111.2
1200	2.416	2.337	34.605	3.96	27.643	27.650	32.312	36.861	41.300	45.635	52.3	.970	1.018	1212.5
1300	2.533	2.445	34.655	4.17	27.673	27.681	32.339	36.885	41.321	45.653	50.5	1.021	.790	1313.9
1400	2.337	2.243	34.655	4.16	27.690	27.698	32.362	36.913	41.354	45.691	48.8	1.071	.917	1415.4
1500	2.447	2.343	34.704	4.33	27.720	27.728	32.390	36.937	41.376	45.710	47.0	1.119	.801	1516.8
1600	2.428	2.317	34.725	4.43	27.738	27.747	32.409	36.957	41.396	45.730	45.8	1.165	.833	1618.4
1700	2.429	2.309	34.750	4.58	27.757	27.768	32.429	36.978	41.416	45.751	44.5	1.210	.758	1720.0
1800	2.296	2.169	34.747	4.72	27.767	27.777	32.443	36.995	41.437	45.775	43.6	1.254	.649	1821.6
1900	2.194	2.061	34.747	4.60	27.775	27.785	32.454	37.009	41.455	45.795	42.9	1.297	.578	1923.3
2000	2.143	2.002	34.760	4.64	27.789	27.800	32.471	37.027	41.474	45.816	41.8	1.340	.725	2025.0
2100	2.061	1.912	34.760	4.69	27.796	27.808	32.481	37.040	41.489	45.834	41.2	1.381	.678	2126.8
2200	1.997	1.840	34.760	4.73	27.801	27.813	32.488	37.049	41.500	45.846	40.8	1.422	.518	2228.7
2300	1.922	1.758	34.756	4.71	27.804	27.817	32.494	37.057	41.511	45.859	40.6	1.463	.564	2330.5
2400	1.789	1.618	34.745	4.66	27.805	27.818	32.500	37.067	41.524	45.876	40.0	1.503	.562	2432.5
2500	1.690	1.512	34.739	4.64	27.808	27.821	32.506	37.076	41.536	45.891	39.6	1.543	.485	2534.4
2580	1.672	1.487	34.745	4.62	27.814	27.828	32.513	37.084	41.544	45.900	39.2	1.574	.688	2616.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	11.610	11.969		6.51	2.7	0.87	10.40	0.17					0.	
43	7.777	7.773	34.281	6.67	4.8	1.25	15.50	0.39	26.763	26.763	35.705	44.229	44.	B1
93	4.518	4.511	34.142	7.01	11.2	1.64	22.50	0.19	27.071	27.072	36.175	44.849	94.	
144	4.061	4.051	34.157	6.86	13.1	1.70	24.30	0.27	27.132	27.133	36.259	44.955	146.	
194	3.958	3.945	34.164	6.67	14.7	1.74	24.90	0.04	27.148	27.149	36.281	44.982	196.	
293	3.382	3.363	34.143	6.64	18.0	1.84	26.40	0.03	27.188	27.190	36.353	45.082	296.	
392	2.938	2.913	34.145	6.35	23.5	1.96	28.20	0.02	27.231	27.233	36.420	45.172	397.	
495	2.794	2.763	34.190	5.82	30.7	2.08	30.30	0.02	27.279	27.282	36.477	45.236	500.	
587	2.508	2.472	34.228	4.53	39.0	2.18	31.80	0.02	27.334	27.337	36.547	45.320	593.	
688	2.616	2.572	34.314	4.93	49.1	2.36	33.40	0.03	27.394	27.397	36.600	45.367	695.	
783	2.616	2.566	34.385	4.56	57.3	2.37	34.20	0.00	27.450	27.455	36.657	45.423	792.	
883	2.553	2.496	34.443	4.28	65.2	2.41	34.80	0.00	27.502	27.507	36.712	45.480	893.	
987	2.479	2.416	34.501	4.08	71.9	2.43	34.90	0.01	27.555	27.560	36.768	45.540	998.	
1080	2.458	2.387	34.548	4.03	75.2	2.41	34.60	0.00	27.594	27.600	36.809	45.582	1092.	
1184	2.389	2.311	34.591	3.98	79.4	2.39	34.40	0.00	27.634	27.641	36.853	45.629	1197.	
1275	2.374	2.289	34.621	4.00	80.5	2.35	33.70	0.00	27.659	27.666	36.880	45.656	1290.	
1382	2.409	2.315	34.660	4.16	79.7	2.30	33.00	0.00	27.688	27.695	36.907	45.681	1398.	
1478	2.459	2.357	34.700	4.27	77.0	2.22	32.00	0.00	27.715	27.724	36.932	45.704	1496.	
1573	2.412	2.303	34.718	4.32	78.0	2.19	31.50	0.00	27.734	27.743	36.954	45.728	1592.	
1770	2.460	2.334	34.773	4.62	72.3	2.01	29.50	0.01	27.773	27.784	36.993	45.764	1793.	
1967	2.128	1.990	34.749	4.46	85.1	2.12	31.00	0.02	27.782	27.793	37.021	45.810	1993.	
2169	2.001	1.847	34.757	4.57	87.7	2.12	30.50	0.02	27.798	27.811	37.046	45.843	2199.	
2354	1.838	1.670	34.757	4.57	92.9	2.14	30.90	0.02	27.811	27.824	37.070	45.876	2388.	D1
2567	1.674	1.490	34.746	4.61	98.4	2.16	31.20	0.03	27.815	27.829	37.084	45.900	2605.	

SHIP AT CRUISE 107 STATION 93
START 45 59.61 S 58 59.91 W AT 640 80/ 1/ 7
WIND = 12M/S COR. DEPTH = 1757M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	10.437	10.437	34.072	7.42	26.172	26.172	30.639	34.999	39.257	43.417	185.2	0.000	0.000	- 0
10	10.260	10.259	34.075	7.49	26.205	26.205	30.676	35.039	39.301	43.465	182.2	0.018	3.227	10.1
20	8.035	8.033	34.076	7.93	26.564	26.564	31.085	35.496	39.804	44.013	148.4	0.035	10.613	20.2
30	7.522	7.519	34.086	7.82	26.646	26.647	31.180	35.603	39.922	44.141	140.7	0.049	5.107	30.2
40	6.806	6.802	34.080	7.60	26.742	26.742	31.292	35.733	40.067	44.302	131.7	0.063	5.490	40.3
50	6.284	6.279	34.098	7.50	26.825	26.826	31.389	35.841	40.188	44.434	123.9	0.076	5.135	50.4
60	5.519	5.514	34.128	7.21	26.944	26.945	31.527	35.997	40.362	44.624	112.6	0.088	6.139	60.4
70	5.176	5.170	34.128	7.18	26.986	26.986	31.577	36.056	40.428	44.699	108.8	0.099	3.622	70.5
80	4.879	4.873	34.135	7.14	27.026	27.026	31.624	36.111	40.490	44.767	105.1	0.109	3.558	80.6
90	4.679	4.672	34.151	7.01	27.060	27.061	31.664	36.155	40.540	44.822	101.9	0.120	3.329	90.6
100	4.655	4.647	34.158	6.82	27.069	27.070	31.673	36.165	40.550	44.832	101.2	0.130	1.653	100.7
120	4.632	4.623	34.169	6.61	27.080	27.081	31.685	36.178	40.563	44.846	100.3	0.150	1.337	120.9
140	4.500	4.489	34.172	6.62	27.097	27.098	31.706	36.202	40.590	44.876	98.8	0.170	1.661	141.0
160	4.413	4.401	34.172	6.55	27.107	27.108	31.718	36.216	40.606	44.895	98.1	0.190	1.241	161.2
180	4.038	4.025	34.140	6.72	27.121	27.122	31.742	36.250	40.650	44.947	96.8	0.209	1.584	181.4
200	3.986	3.972	34.140	6.86	27.126	27.127	31.749	36.258	40.659	44.958	96.5	0.228	920	201.5
220	3.923	3.908	34.137	6.79	27.130	27.132	31.755	36.266	40.669	44.969	96.2	0.248	875	221.7
240	3.972	3.955	34.153	6.85	27.137	27.139	31.761	36.270	40.672	44.971	95.7	0.267	1.041	241.8
260	4.045	4.027	34.167	6.56	27.141	27.143	31.763	36.270	40.670	44.967	95.6	0.286	730	262.0
280	3.956	3.936	34.168	6.50	27.151	27.153	31.776	36.285	40.688	44.987	94.8	0.305	1.311	282.2
300	3.774	3.754	34.151	6.55	27.156	27.158	31.785	36.300	40.707	45.010	94.4	0.324	972	302.3
320	3.666	3.644	34.139	6.67	27.158	27.160	31.790	36.308	40.717	45.024	94.3	0.343	673	322.5
340	3.600	3.577	34.140	6.69	27.165	27.167	31.799	36.318	40.730	45.038	93.7	0.362	1.092	342.7
360	3.532	3.508	34.139	6.64	27.170	27.173	31.807	36.328	40.741	45.051	93.3	0.380	1.015	362.9
380	3.447	3.422	34.140	6.60	27.180	27.182	31.818	36.342	40.757	45.069	92.5	0.399	1.260	383.1
400	3.352	3.326	34.137	6.59	27.186	27.189	31.828	36.354	40.771	45.085	91.9	0.417	1.090	403.2
450	3.212	3.182	34.146	6.42	27.206	27.209	31.852	36.381	40.802	45.120	90.2	0.463	1.170	453.7
500	3.039	3.007	34.149	6.27	27.224	27.227	31.875	36.409	40.835	45.157	88.6	0.508	1.142	504.2
550	2.871	2.836	34.154	6.13	27.244	27.247	31.899	36.438	40.868	45.194	86.9	0.552	1.178	554.7
600	2.849	2.811	34.182	6.03	27.268	27.272	31.924	36.464	40.894	45.221	84.9	0.594	1.249	605.2
650	2.979	2.936	34.229	5.64	27.294	27.297	31.946	36.482	40.909	45.232	83.0	0.636	1.206	655.7
700	2.883	2.837	34.263	5.32	27.330	27.334	31.986	36.523	40.952	45.277	79.8	0.677	1.544	706.2
750	2.812	2.764	34.284	5.09	27.353	27.357	32.010	36.550	40.981	45.307	77.8	0.716	1.233	756.8
800	2.763	2.711	34.323	4.88	27.388	27.392	32.047	36.587	41.019	45.347	74.7	0.755	1.504	807.3
900	2.702	2.643	34.388	4.41	27.445	27.451	32.106	36.649	41.081	45.410	69.8	0.827	1.402	908.5
1000	2.635	2.569	34.443	4.17	27.495	27.500	32.158	36.701	41.136	45.466	65.6	0.895	1.253	1009.7
1100	2.541	2.468	34.496	4.00	27.545	27.551	32.211	36.757	41.194	45.526	61.2	0.958	1.154	1110.9
1200	2.529	2.449	34.550	3.98	27.589	27.596	32.256	36.802	41.239	45.571	57.7	1.017	1.264	1212.3
1300	2.407	2.321	34.577	3.97	27.621	27.629	32.292	36.841	41.281	45.616	54.8	1.074	961	1313.6
1400	2.386	2.291	34.624	4.03	27.660	27.668	32.332	36.881	41.322	45.658	51.7	1.127	1.154	1415.0
1500	2.316	2.214	34.639	4.03	27.678	27.687	32.352	36.904	41.346	45.684	50.3	1.178	743	1516.5
1600	2.294	2.185	34.656	4.05	27.694	27.703	32.369	36.922	41.364	45.703	49.3	1.227	615	1618.0
1700	2.232	2.115	34.655	3.95	27.698	27.708	32.376	36.930	41.375	45.715	49.1	1.277	498	1719.6
1740	2.213	2.093	34.683	4.01	27.722	27.732	32.401	36.955	41.400	45.741	47.0	1.296	1.385	1761.0

DE	TE	PT	SA	OX	SIL	PD4	N3	N2	ST	S0	S2	S4	PR	FLAG
0	10.460	10.460	34.077	6.66	2.3	1.02	13.60	0.19	26.172	26.172	34.998	43.415	0.	
38	7.515	7.512	34.100	7.12	2.3	1.14	15.10	0.12	26.659	26.659	35.615	44.154	39.	
68	5.551	5.546	34.129	7.08	4.9	1.54	19.80	0.18	26.942	26.942	35.993	44.619	69.	
92	4.739	4.732	34.144	7.00	9.2	1.63	21.60	0.17	27.048	27.049	36.140	44.804	93.	
144	4.553	4.543	34.182	6.69	11.2	1.65	23.30	0.11	27.099	27.100	36.201	44.873	146.	
196	4.253	4.239	34.176	6.79	12.4	1.69	24.00	0.09	27.127	27.128	36.244	44.931	198.	
294	3.903	3.882	34.165	6.60	15.3	1.78	25.40	0.01	27.154	27.156	36.291	44.995	297.	
394	3.403	3.377	34.139	6.60	17.6	1.86	26.60	0.06	27.183	27.185	36.348	45.077	398.	
491	3.107	3.075	34.150	6.31	23.3	1.97	28.30	0.01	27.219	27.222	36.400	45.144	496.	
589	2.851	2.813	34.174	6.03	28.5	2.05	29.60	0.00	27.262	27.265	36.457	45.214	595.	
688	2.934	2.889	34.249	5.37	38.1	2.18	31.60	0.01	27.314	27.318	36.505	45.256	696.	
788	2.773	2.722	34.307	4.98	47.0	2.29	33.10	0.00	27.374	27.379	36.574	45.333	797.	
887	2.689	2.631	34.374	4.57	56.3	2.36	34.10	0.01	27.435	27.440	36.639	45.402	897.	
985	2.649	2.585	34.431	4.29	63.8	2.38	34.40	0.01	27.484	27.490	36.690	45.454	996.	
1082	2.551	2.480	34.491	4.11	70.8	2.42	34.90	0.00	27.541	27.547	36.752	45.520	1094.	
1181	2.510	2.431	34.548	4.08	72.8	2.41	34.60	0.00	27.590	27.596	36.803	45.573	1195.	E1
1380	2.413	2.320	34.610	4.06	79.1	2.36	34.20	0.00	27.647	27.655	36.867	45.642	1396.	B9
1480	2.332	2.232	34.640	4.06	83.0	2.34	33.70	0.00	27.678	27.686	36.903	45.682	1498.	
1578	2.304	2.196	34.659	4.06	84.1	2.32	33.50	0.01	27.696	27.704	36.922	45.703	1597.	
1676	2.254	2.138	34.658	4.06	86.0	2.33	33.70	0.00	27.699	27.708	36.929	45.713	1698.	
1735	2.222	2.102	34.679	4.13	86.5	2.30	33.50	0.02	27.718	27.728	36.951	45.736	1757.	

SHIP AT CRUISE 107 STATION 94
START 45 59.41 S 59 30.56 W AT 1010 80/ 1/ 7
WIND = 16M/S COR. DEPTH = 1119M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	11.873	11.873	34.111	6.85	25.942	25.942	30.378	34.709	38.938	43.072	207.0	0.000	0.000	- .0
10	11.822	11.821	34.107	6.87	25.949	25.949	30.386	34.718	38.948	43.083	206.6	.021	1.488	10.1
20	10.314	10.312	34.120	7.09	26.231	26.231	30.700	35.063	39.323	43.486	180.0	.040	9.421	20.1
30	7.044	7.042	34.144	7.47	26.759	26.760	31.304	35.738	40.066	44.296	129.9	.056	12.897	30.2
40	7.150	7.147	34.312	7.17	26.876	26.877	31.417	35.847	40.173	44.399	119.0	.068	6.060	40.3
50	6.492	6.488	34.260	7.10	26.926	26.926	31.483	35.929	40.270	44.510	114.4	.080	3.964	50.3
60	5.419	5.414	34.192	7.08	27.007	27.008	31.591	36.064	40.430	44.695	106.7	.091	5.091	60.4
70	5.264	5.259	34.186	7.00	27.021	27.022	31.609	36.086	40.456	44.724	105.5	.101	2.128	70.5
80	4.875	4.869	34.150	7.13	27.038	27.039	31.637	36.123	40.503	44.780	103.9	.112	2.343	80.6
90	4.786	4.780	34.150	6.91	27.048	27.048	31.649	36.137	40.519	44.798	103.1	.122	1.775	90.6
100	4.738	4.731	34.148	6.80	27.052	27.053	31.654	36.144	40.527	44.807	102.8	.132	1.144	100.7
120	4.703	4.694	34.157	6.82	27.062	27.063	31.666	36.156	40.540	44.822	102.0	.153	1.304	120.9
140	4.677	4.667	34.166	6.77	27.073	27.074	31.677	36.168	40.553	44.835	101.2	.173	1.304	141.0
160	4.670	4.658	34.170	6.71	27.077	27.078	31.682	36.173	40.557	44.840	101.0	.193	808	161.2
180	4.670	4.657	34.168	6.68	27.075	27.076	31.680	36.171	40.555	44.838	101.4	.214	567	181.3
200	4.648	4.633	34.173	6.66	27.081	27.083	31.687	36.179	40.564	44.846	101.0	.234	1.028	201.5
220	4.571	4.555	34.181	6.65	27.096	27.098	31.704	36.198	40.585	44.869	99.8	.254	1.562	221.7
240	4.553	4.535	34.181	6.68	27.098	27.100	31.707	36.201	40.589	44.873	99.8	.274	635	241.8
260	4.490	4.471	34.183	6.69	27.107	27.109	31.717	36.213	40.602	44.888	99.1	.294	1.171	262.0
280	4.403	4.382	34.181	6.63	27.115	27.117	31.727	36.226	40.617	44.905	98.5	.314	1.163	282.2
300	4.341	4.319	34.179	6.66	27.120	27.122	31.734	36.234	40.627	44.917	98.2	.333	963	302.3
320	4.262	4.238	34.176	6.70	27.126	27.128	31.743	36.245	40.639	44.931	97.7	.353	1.045	322.5
340	4.188	4.163	34.174	6.62	27.132	27.135	31.751	36.255	40.651	44.945	97.3	.372	1.048	342.7
360	4.114	4.088	34.171	6.59	27.137	27.140	31.758	36.264	40.662	44.958	96.9	.392	936	362.9
380	4.064	4.036	34.169	6.55	27.141	27.144	31.763	36.271	40.670	44.967	96.7	.411	840	383.0
400	4.030	4.001	34.168	6.57	27.144	27.147	31.767	36.276	40.676	44.974	96.6	.430	729	403.2
450	3.886	3.854	34.165	6.64	27.156	27.159	31.784	36.296	40.700	45.001	95.7	.479	939	453.7
500	3.749	3.714	34.163	6.64	27.168	27.172	31.800	36.316	40.723	45.028	94.8	.526	945	504.2
550	3.613	3.575	34.163	6.61	27.182	27.186	31.818	36.337	40.748	45.056	93.7	.573	998	554.7
600	3.483	3.441	34.164	6.54	27.195	27.199	31.835	36.358	40.772	45.083	92.7	.620	995	605.2
650	3.363	3.319	34.166	6.46	27.208	27.213	31.852	36.377	40.795	45.109	91.6	.666	981	655.7
700	3.224	3.176	34.182	6.35	27.234	27.238	31.881	36.411	40.832	45.149	89.3	.711	1.331	706.2
750	2.989	2.939	34.186	6.11	27.259	27.263	31.912	36.448	40.875	45.198	86.9	.755	1.353	756.7
800	2.993	2.940	34.231	5.84	27.294	27.299	31.948	36.483	40.910	45.233	83.9	.798	1.491	807.3
900	2.862	2.803	34.288	5.19	27.352	27.357	32.009	36.548	40.978	45.303	78.9	.879	893	908.4
1000	2.839	2.772	34.309	5.01	27.370	27.376	32.029	36.568	40.998	45.325	77.7	.957	713	1009.6
1100	2.801	2.727	34.342	4.75	27.400	27.407	32.060	36.600	41.032	45.359	75.4	1.034	1.225	1110.9
1115	2.777	2.702	34.353	4.70	27.411	27.417	32.072	36.613	41.044	45.372	74.5	1.045	1.544	1126.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
3	11.772	11.771	34.113	6.53	2.2	0.83	11.30	0.15	25.962	25.962	34.733	43.100	3.	
5	11.766	11.765	34.111	6.46	1.8	0.82	11.00	0.15	25.962	25.962	34.733	43.101	5.	
15	11.546	11.544	34.117	6.48	1.7	0.84	11.40	0.16	26.008	26.008	34.788	43.164	16.	
46	6.062	6.058	34.261	6.61	6.3	1.39	18.60	0.25	26.982	26.983	36.006	44.606	47.	
95	4.378	4.370	34.158	6.72	8.7	1.57	21.70	0.15	27.044	27.045	36.129	44.785	97.	
144	4.679	4.668	34.177	6.78	9.5	1.60	22.50	0.02	27.081	27.082	36.177	44.842	145.	
196	4.583	4.568	34.182	6.69	10.3	1.63	23.00	0.01	27.096	27.097	36.196	44.867	198.	
287	4.328	4.307	34.181	6.66	11.9	1.68	23.80	0.02	27.123	27.125	36.237	44.921	290.	
395	4.016	3.988	34.175	6.58	13.7	1.74	24.80	0.00	27.151	27.153	36.283	44.981	399.	
589	3.511	3.470	34.163	6.43	18.7	1.87	26.60	0.00	27.192	27.195	36.352	45.076	596.	
844	2.933	2.877	34.259	5.38	38.2	2.17	31.20	0.01	27.322	27.327	36.514	45.266	853.	
982	2.643	2.777	34.306	5.05	45.9	2.26	32.40	0.00	27.367	27.373	36.565	45.322	993.	
1097	2.802	2.728	34.342	4.75	50.2	2.31	33.20	0.00	27.400	27.406	36.600	45.359	1110.	

SHIP AT CRUISE 107 STATION 95
START 46 0.00 S 60 0.00 W AT 1305 80/ 1/ 7
WIND = 20M/S CDR. DEPTH = 682M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.774	12.774	33.842	6.47	25.560	25.560	29.980	34.295	38.509	42.629	243.3	0.000	0.000	- .0
10	12.748	12.747	33.843	7.32	25.566	25.566	29.987	34.302	38.517	42.637	243.0	.024	1.408	10.1
20	11.570	11.567	33.853	7.65	25.799	25.799	30.244	34.582	38.819	42.960	221.1	.048	8.555	20.1
30	8.014	8.011	33.943	7.96	26.463	26.463	30.986	35.399	39.708	43.918	158.1	.066	14.455	30.2
40	6.816	6.812	33.970	7.74	26.654	26.654	31.205	35.646	39.981	44.217	140.0	.081	7.764	40.3
50	6.320	6.316	33.963	7.44	26.714	26.715	31.278	35.730	40.077	44.323	134.4	.095	4.376	50.3
60	6.002	5.996	33.984	7.31	26.771	26.772	31.343	35.802	40.157	44.410	129.1	.108	4.241	60.4
70	5.680	5.674	34.007	7.17	26.830	26.830	31.409	35.877	40.238	44.498	123.7	.121	4.299	70.5
80	5.387	5.380	34.033	7.01	26.885	26.886	31.472	35.947	40.314	44.581	118.5	.133	4.193	80.6
90	5.213	5.206	34.037	6.95	26.910	26.910	31.501	35.980	40.352	44.622	116.3	.145	2.783	90.6
100	5.075	5.067	34.052	6.88	26.937	26.938	31.531	36.014	40.389	44.662	113.8	.156	2.944	100.7
120	4.946	4.937	34.082	6.86	26.976	26.977	31.573	36.058	40.437	44.713	110.3	.179	2.476	120.9
140	4.898	4.887	34.094	6.80	26.991	26.992	31.590	36.077	40.456	44.733	109.0	.201	1.574	141.0
160	4.857	4.845	34.106	6.71	27.005	27.006	31.605	36.093	40.473	44.751	107.9	.222	1.494	161.2
180	4.789	4.775	34.116	6.81	27.020	27.022	31.623	36.112	40.494	44.774	106.6	.244	1.582	181.4
200	4.732	4.717	34.122	6.89	27.032	27.034	31.636	36.126	40.509	44.791	105.7	.265	1.360	201.5
220	4.700	4.684	34.127	6.81	27.039	27.041	31.644	36.135	40.520	44.801	105.2	.286	1.115	221.7
240	4.678	4.659	34.131	6.90	27.045	27.047	31.651	36.142	40.527	44.809	104.9	.307	.957	241.8
260	4.661	4.642	34.136	6.90	27.050	27.053	31.657	36.149	40.534	44.817	104.6	.328	.943	262.0
280	4.662	4.641	34.140	6.95	27.054	27.056	31.660	36.152	40.537	44.820	104.4	.349	.755	282.2
300	4.670	4.648	34.147	6.97	27.058	27.061	31.664	36.156	40.541	44.824	104.3	.370	.814	302.4
320	4.671	4.647	34.156	6.91	27.065	27.068	31.672	36.164	40.549	44.831	103.8	.391	1.087	322.5
340	4.676	4.650	34.162	6.93	27.069	27.072	31.676	36.168	40.552	44.834	103.6	.411	.788	342.7
360	4.679	4.652	34.163	6.99	27.070	27.073	31.677	36.168	40.553	44.836	103.7	.432	.407	362.9
380	4.666	4.637	34.169	6.97	27.076	27.080	31.683	36.175	40.560	44.843	103.3	.453	1.004	383.1
400	4.638	4.607	34.173	6.94	27.083	27.086	31.691	36.184	40.569	44.852	102.9	.473	1.040	403.3
450	4.564	4.529	34.175	6.90	27.093	27.096	31.703	36.198	40.585	44.870	102.4	.525	.829	453.7
500	4.393	4.355	34.177	6.78	27.112	27.116	31.728	36.227	40.618	44.908	100.9	.576	1.177	504.2
550	4.369	4.327	34.177	6.60	27.115	27.119	31.731	36.231	40.623	44.913	101.0	.626	.472	554.7
600	4.347	4.301	34.176	6.66	27.117	27.121	31.734	36.235	40.627	44.918	101.3	.677	.387	605.2
650	4.291	4.242	34.174	6.69	27.121	27.126	31.741	36.243	40.637	44.929	101.3	.727	.616	655.7
674	4.291	4.240	34.175	6.55	27.122	27.127	31.741	36.243	40.638	44.930	101.4	.751	.301	679.9

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
1	12.802	12.802	33.858	6.69	1.3	0.39	2.40	0.10	25.567	25.567	34.300	42.633	2.	
7	12.805	12.804	33.851	6.69	1.0	0.38	2.30	0.10	25.561	25.561	34.294	42.627	7.	

SHIP AT CRUISE 107 STATION 96
START 60 0.00 S 45 58.75 W AT 1450 80/ 1/ 7
WIND = 999M/S CDR. DEPTH = 134M

DE	TE	PT	SA	OX	ST	S0	S1	S2	S3	S4	AN	HZ	BV	PR
0	12.811	12.811	33.773	6.74	25.499	25.499	29.919	34.233	38.448	42.567	249.1	0.000	0.000	- .0
10	12.762	12.761	33.782	6.93	25.516	25.516	29.937	34.252	38.467	42.587	247.8	.025	2.275	10.1
20	10.240	10.237	33.806	7.76	25.999	25.999	30.473	34.838	39.102	43.269	202.0	.047	12.319	20.2
30	7.046	7.043	33.843	7.25	26.523	26.523	31.069	35.505	39.837	44.068	152.4	.065	12.831	30.2
40	6.475	6.471	33.851	6.67	26.606	26.606	31.166	35.616	39.960	44.204	144.6	.080	5.121	40.3
50	5.946	5.942	33.890	6.72	26.704	26.705	31.278	35.740	40.096	44.351	135.3	.094	5.568	50.4
60	5.587	5.582	33.869	6.36	26.732	26.732	31.314	35.785	40.150	44.413	132.8	.107	2.958	60.5
70	5.584	5.578	33.869	6.24	26.733	26.733	31.315	35.786	40.151	44.414	132.8	.121	.573	70.6
80	5.584	5.578	33.872	6.14	26.734	26.735	31.317	35.788	40.153	44.416	132.8	.134	.779	80.7
90	5.584	5.577	33.874	6.07	26.736	26.737	31.319	35.790	40.155	44.418	132.8	.147	.755	90.7
100	5.584	5.576	33.878	6.12	26.739	26.740	31.322	35.793	40.158	44.421	132.6	.160	.986	100.8
120	5.593	5.583	33.894	6.26	26.751	26.752	31.334	35.805	40.169	44.432	131.7	.187	1.374	121.0
131	5.577	5.566	33.901	6.30	26.758	26.760	31.342	35.813	40.178	44.441	131.1	.202	1.412	133.0

DE	TE	PT	SA	OX	SIL	P04	N3	N2	ST	S0	S2	S4	PR	FLAG
0	12.801	12.800	33.785	6.56	1.4	0.28	0.10	0.00	25.511	25.511	34.245	42.579	1.	D5
127	5.584	5.574	33.902	6.27	6.3	1.60	20.40	0.19	26.758	26.760	35.812	44.440	128.	

CTD-O₂ STATIONS

VERTICAL PROFILES

and

POT. TEMP. / SALINITY

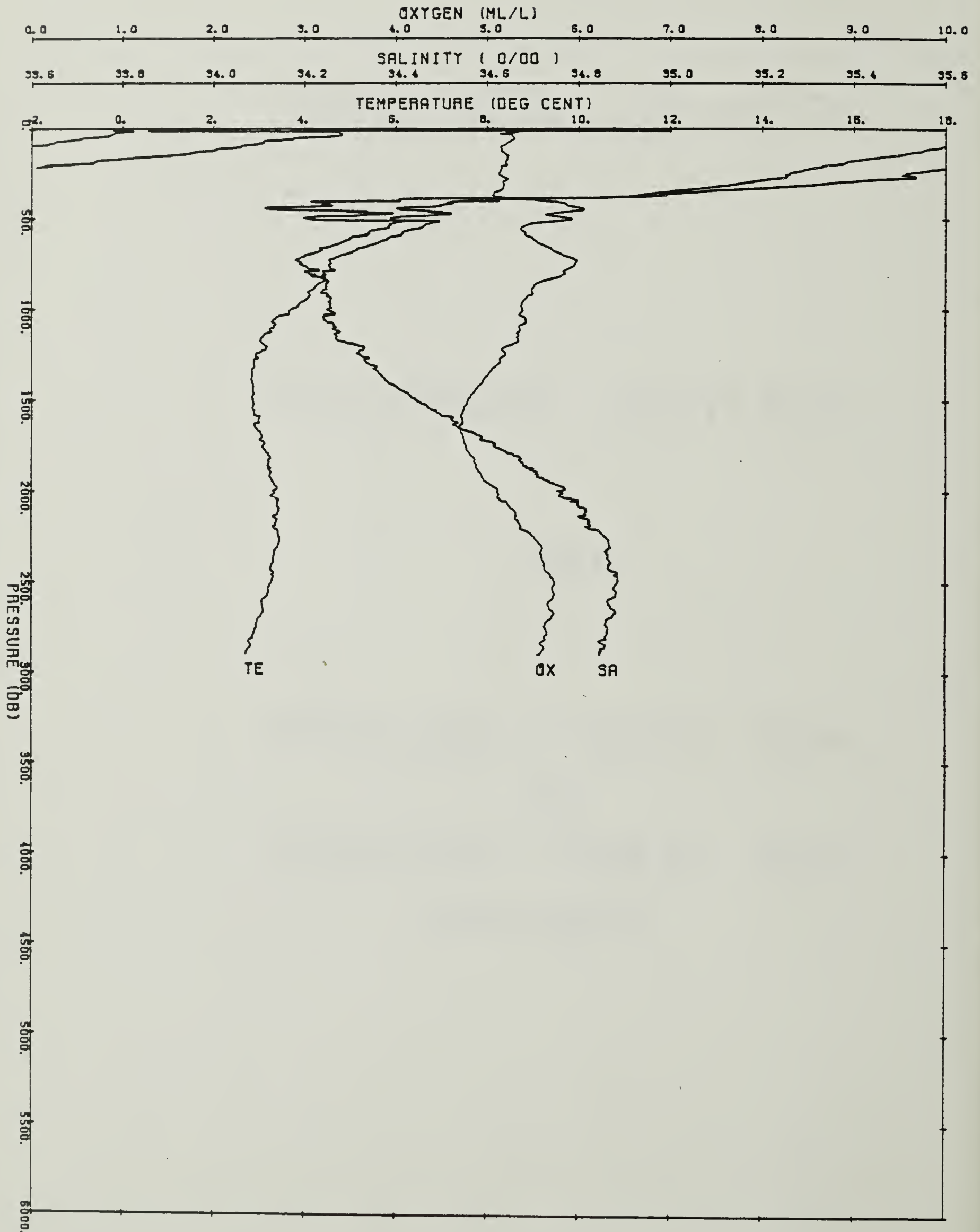
&

POT. TEMP. / OXYGEN

diagrams

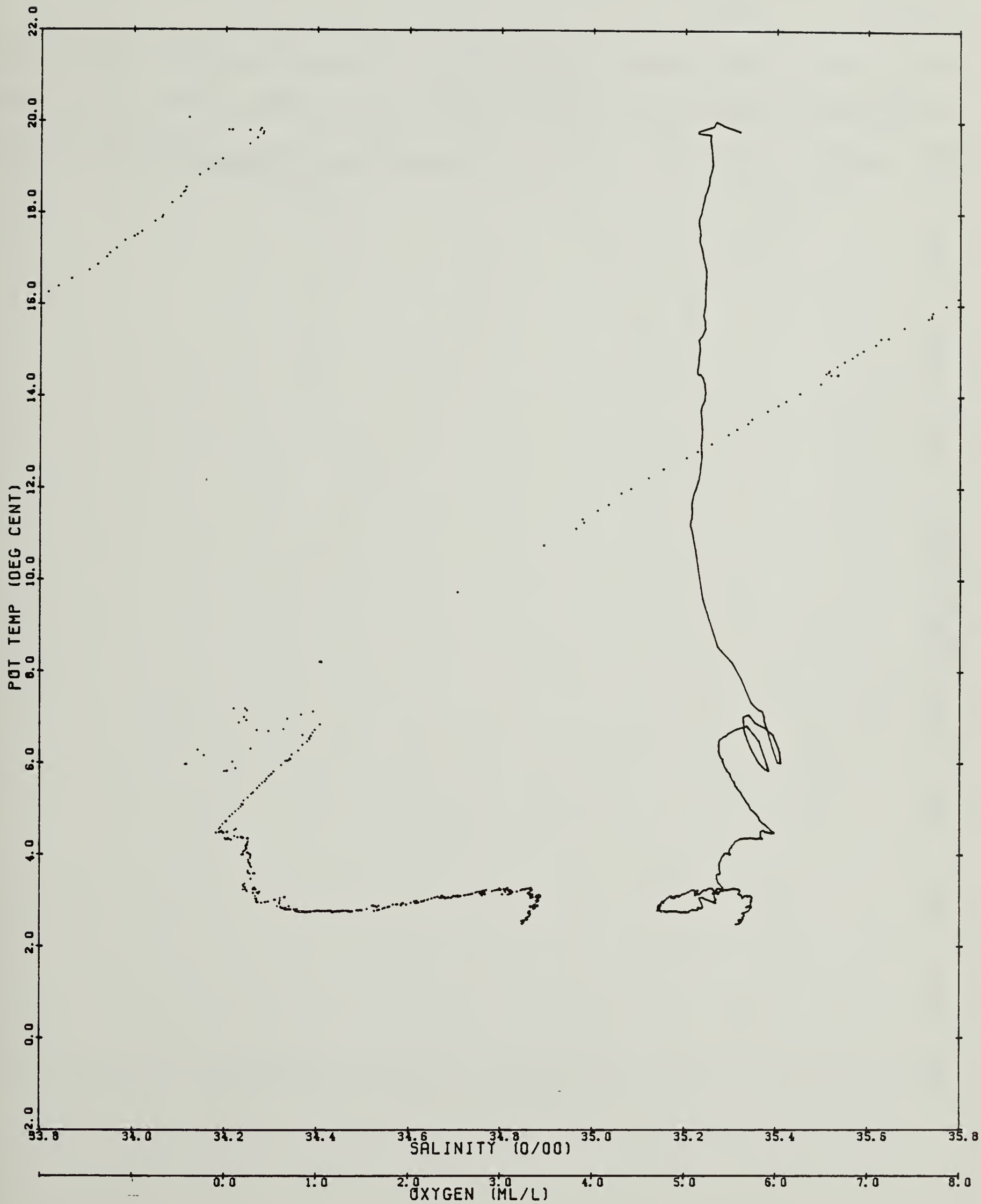
AT107

ST 1



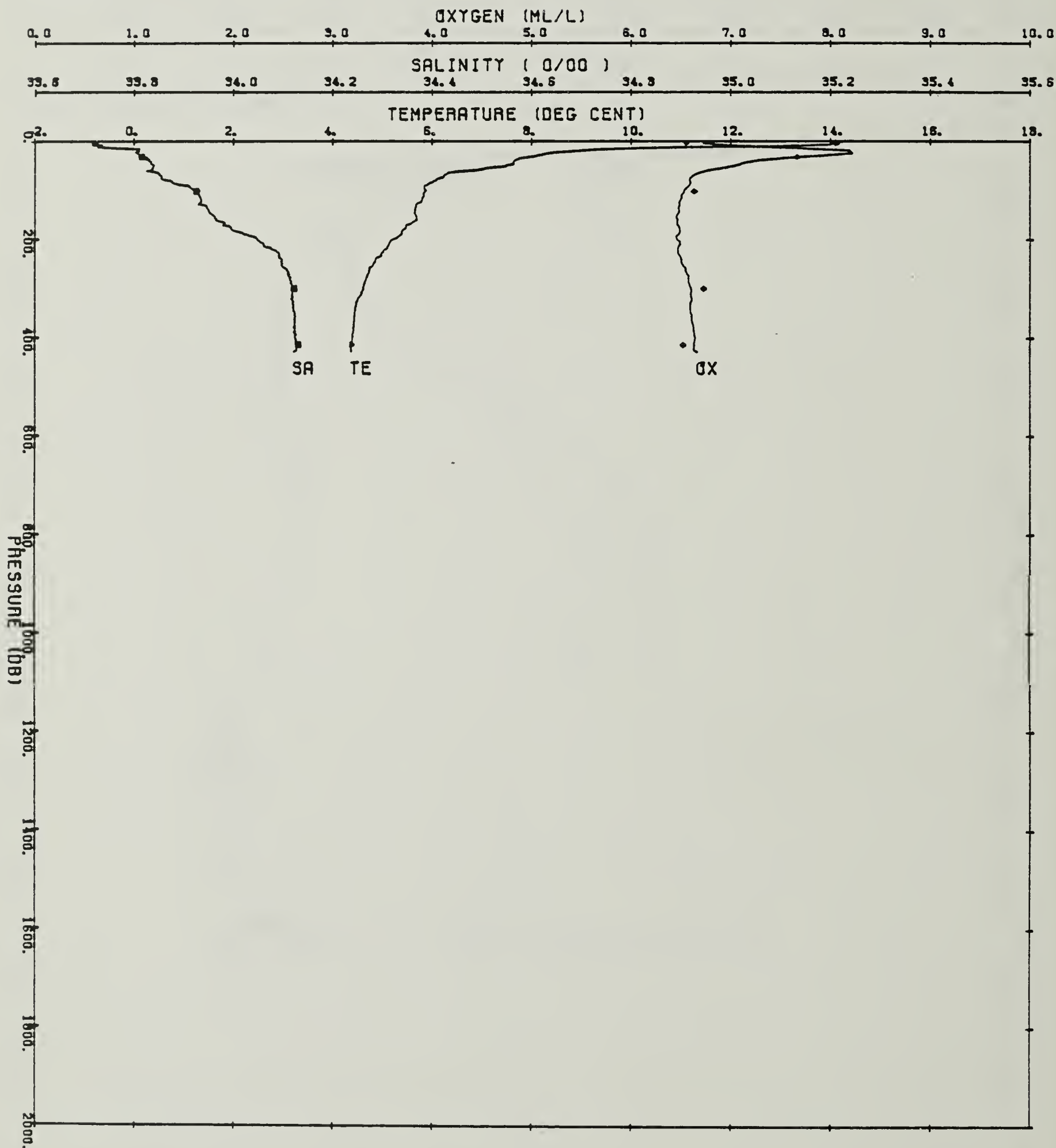
AT107

ST 1



AT107

ST 2



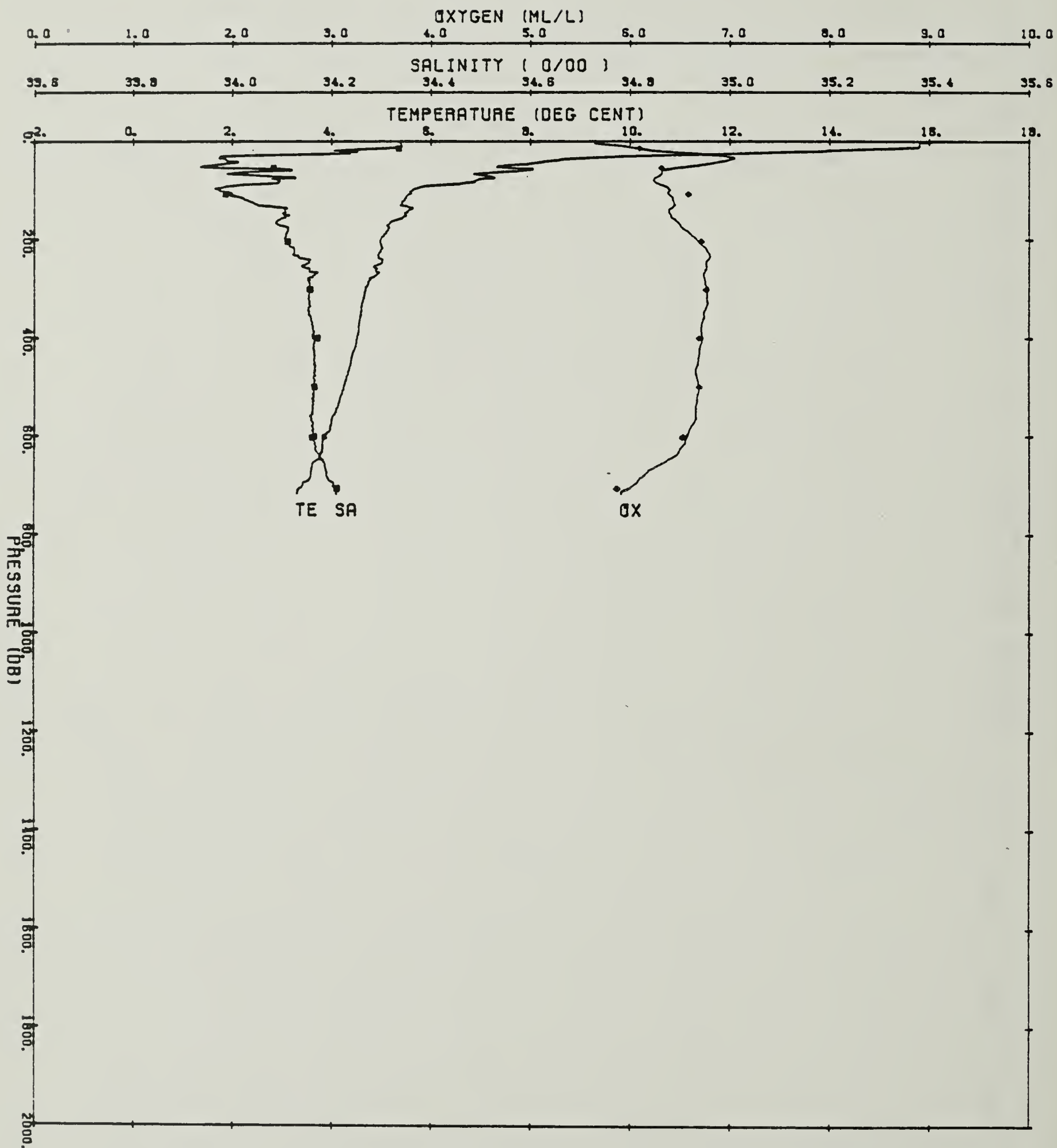
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ST 2



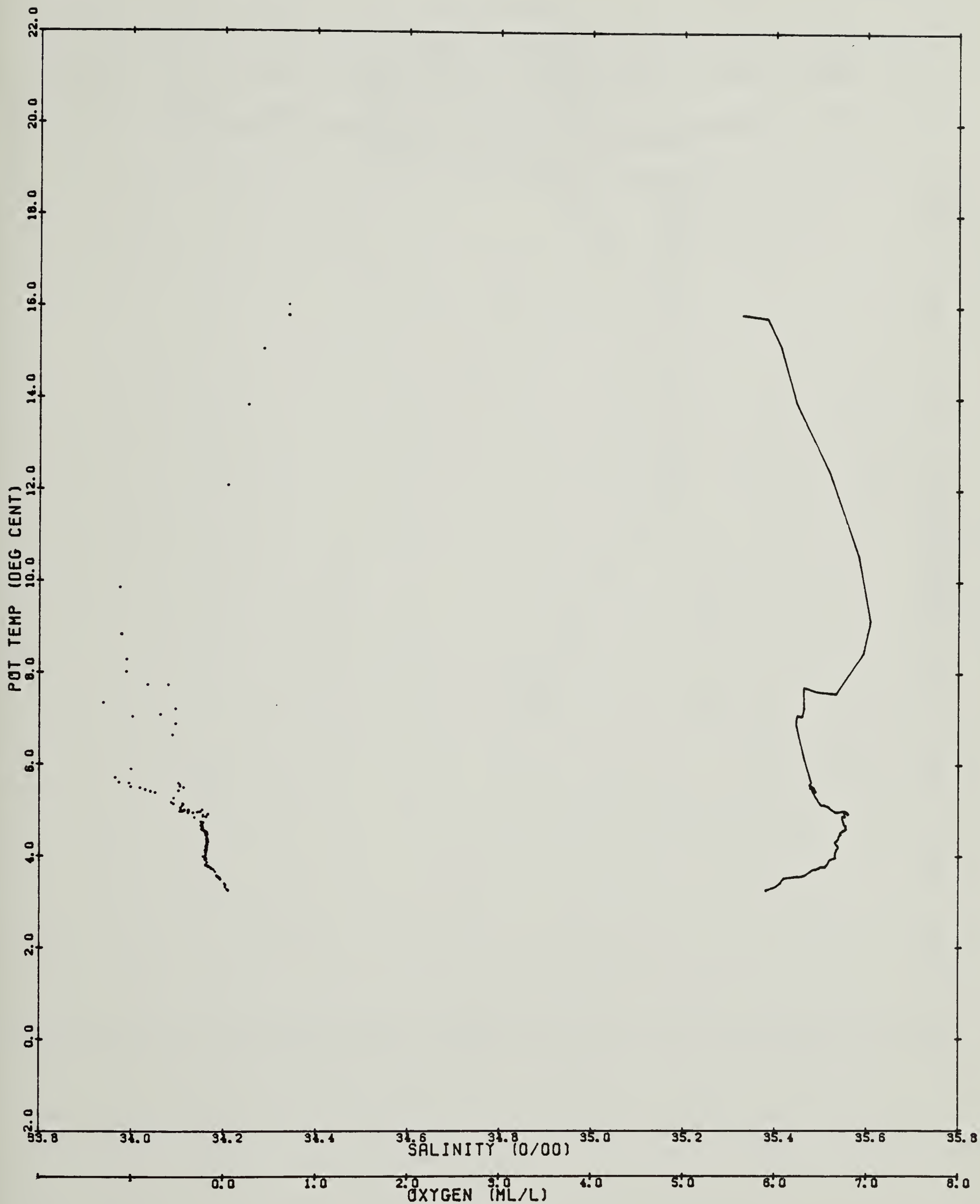
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ST 3



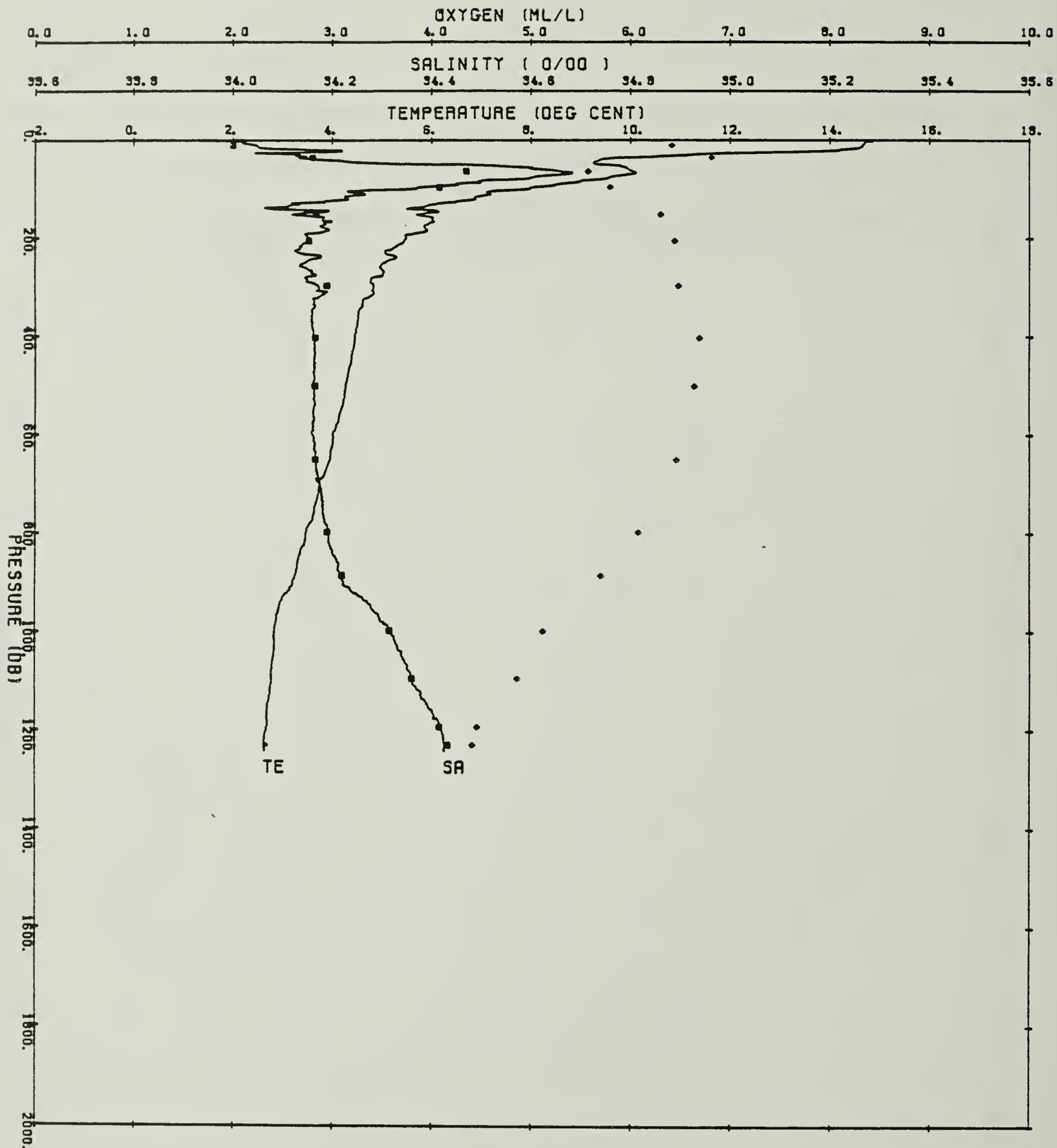
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ST 3



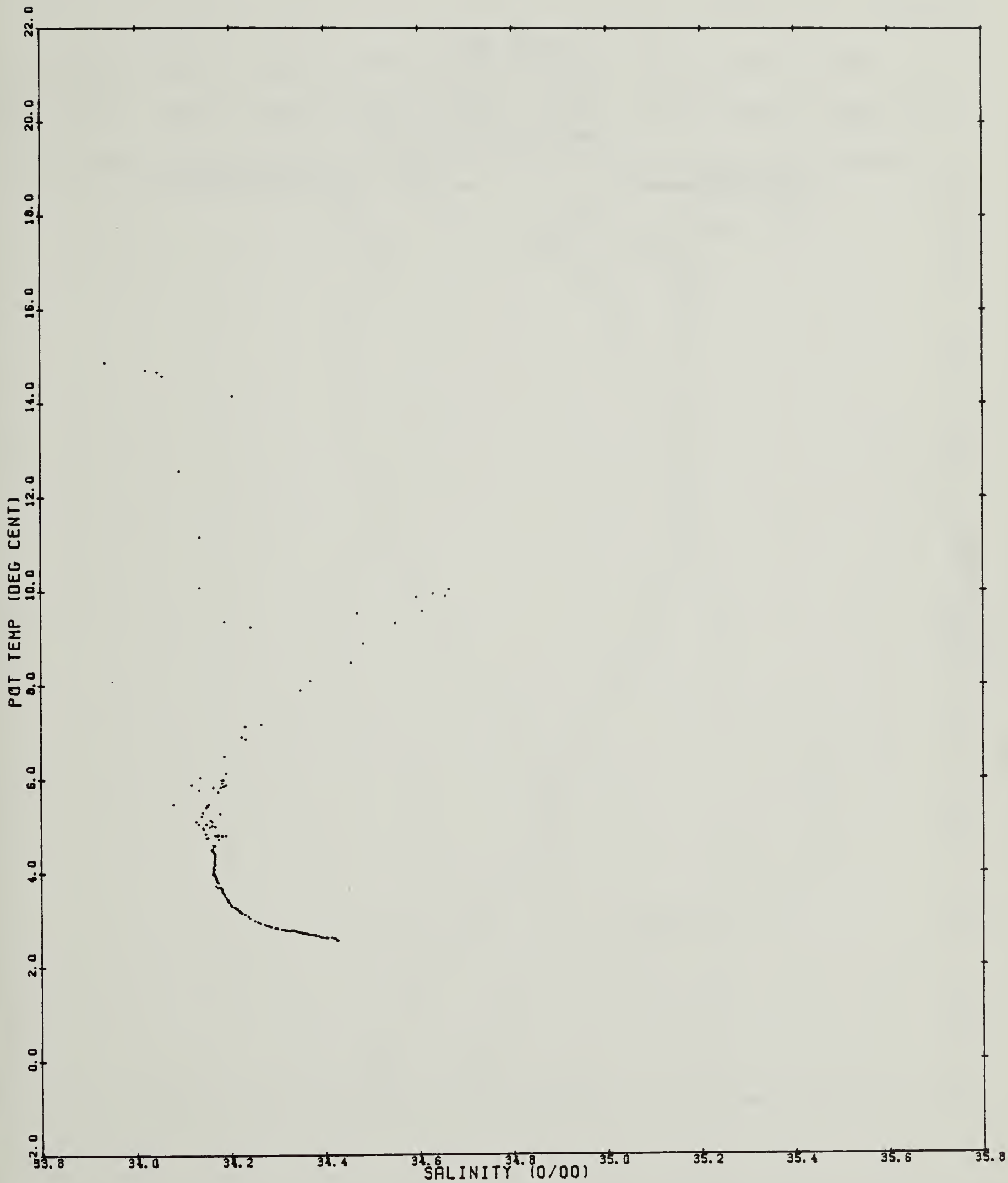
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ST 4



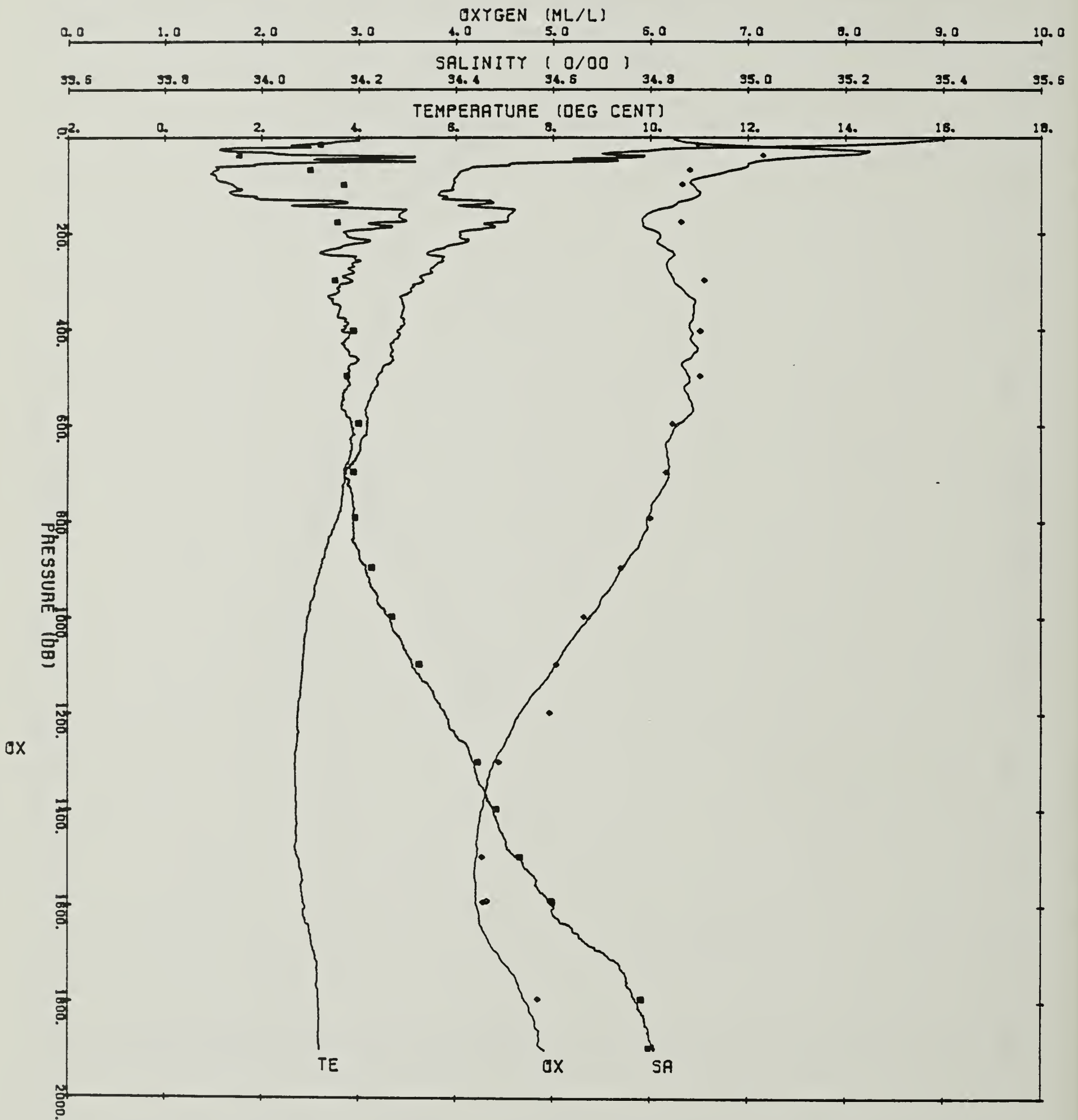
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ST 4



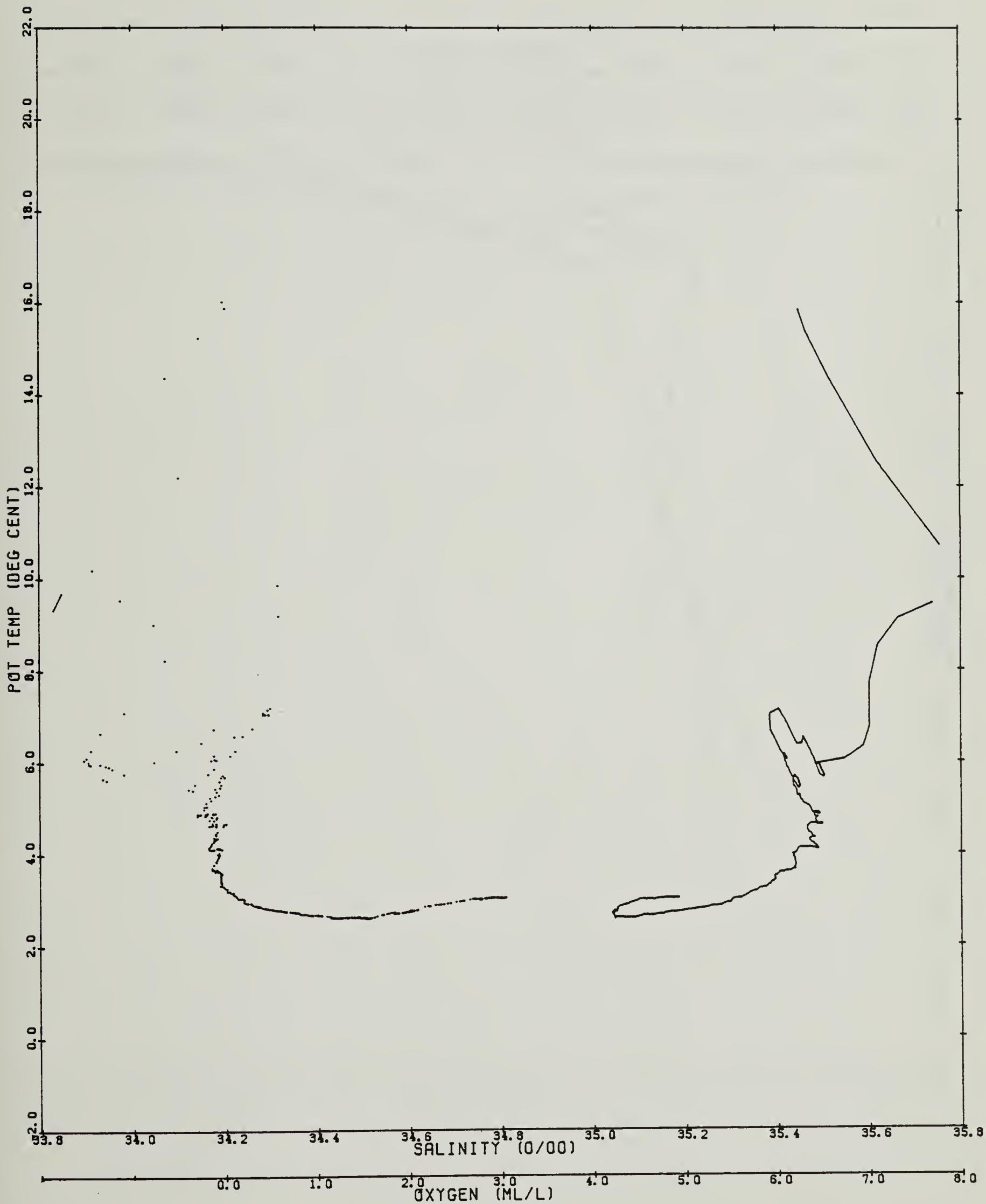
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ST 5



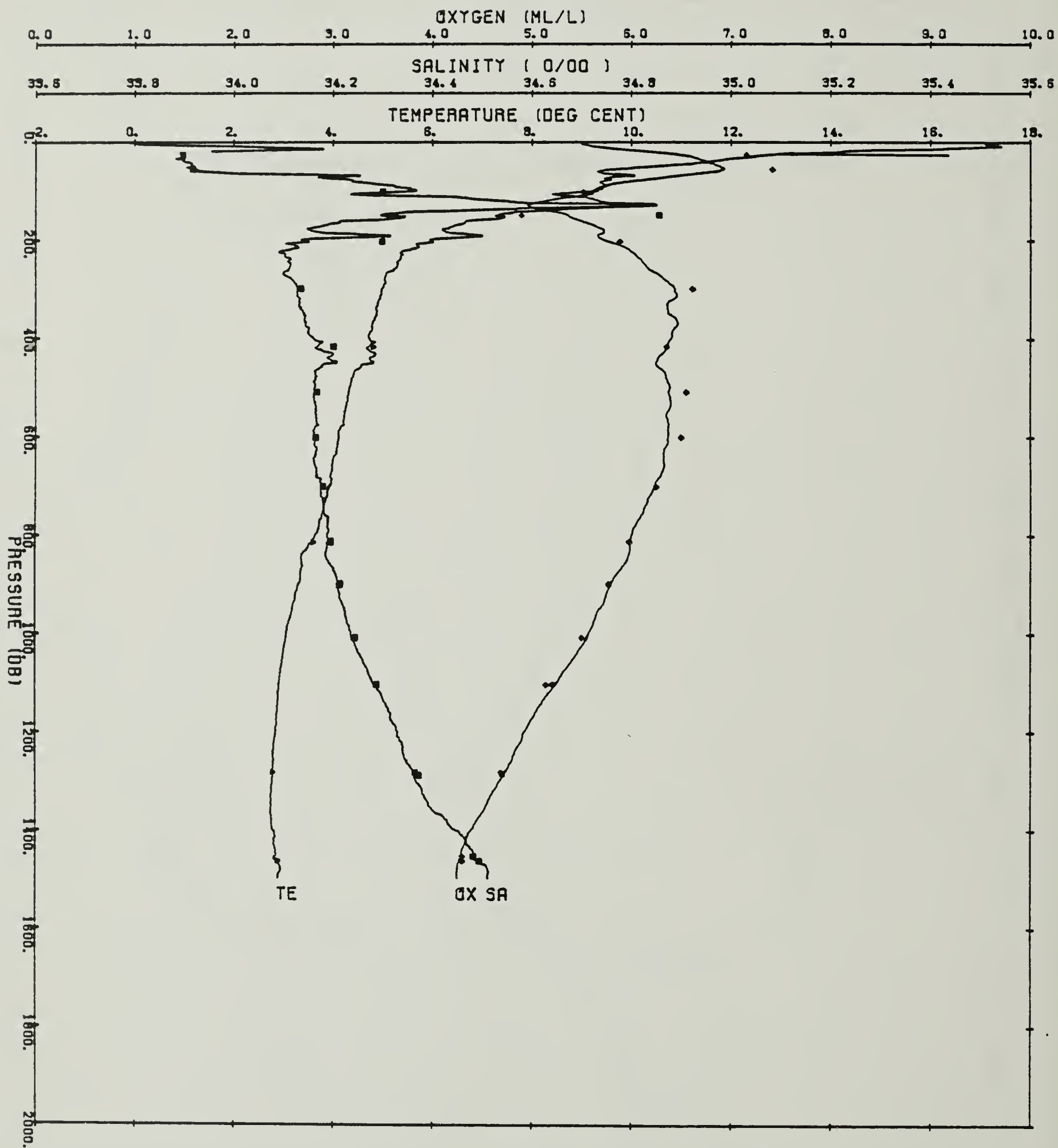
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ST 5



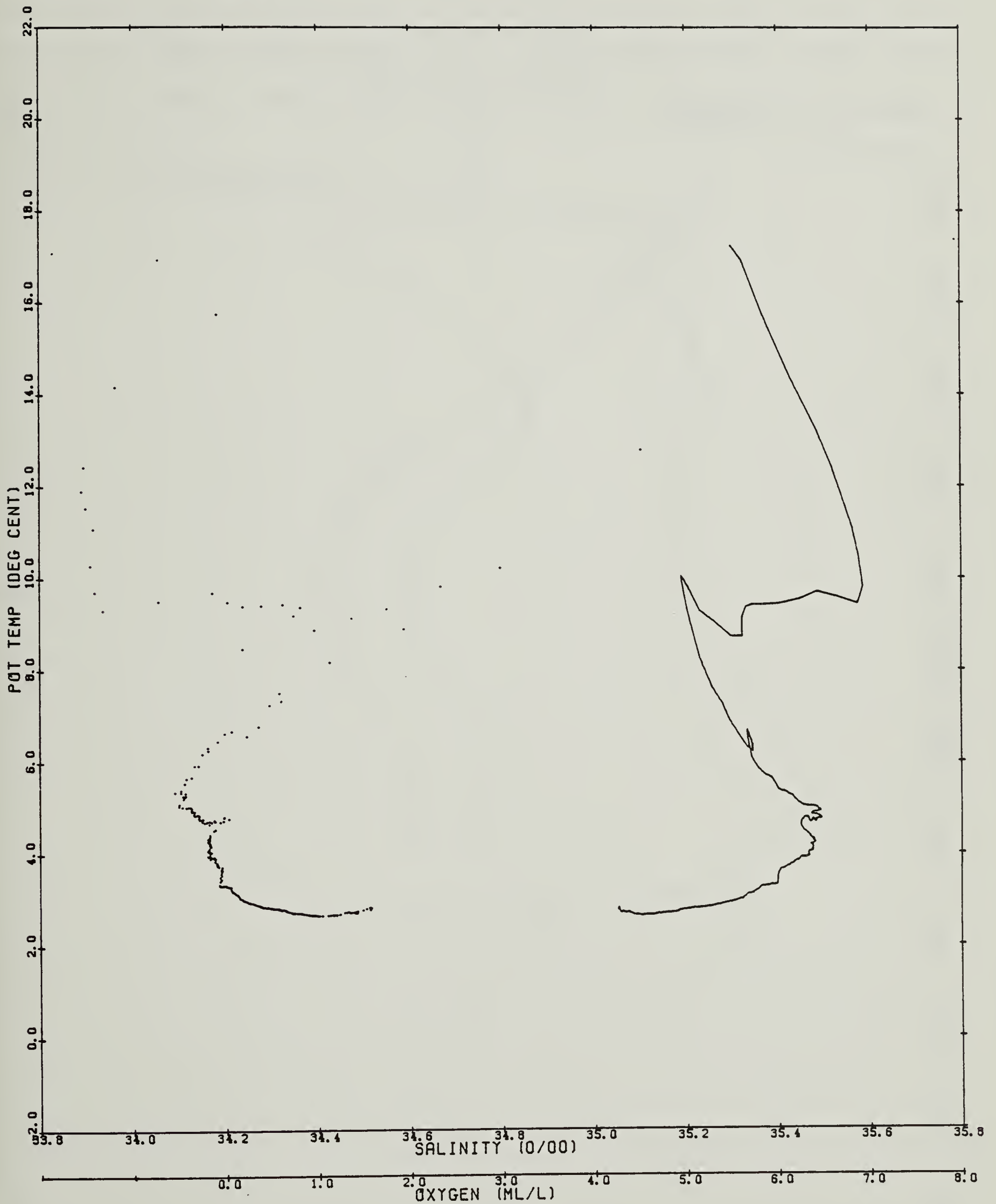
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ST 6



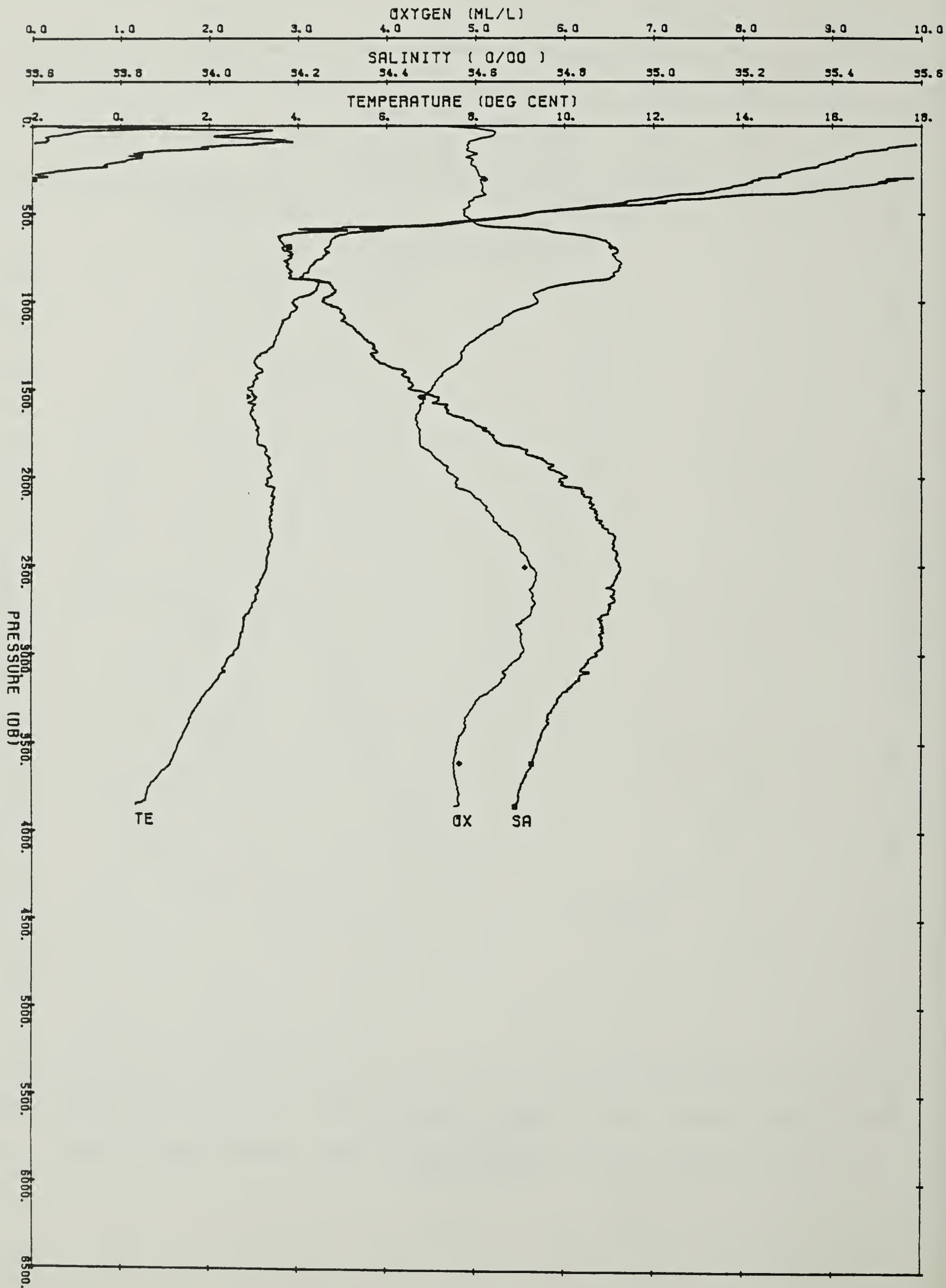
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ST 6



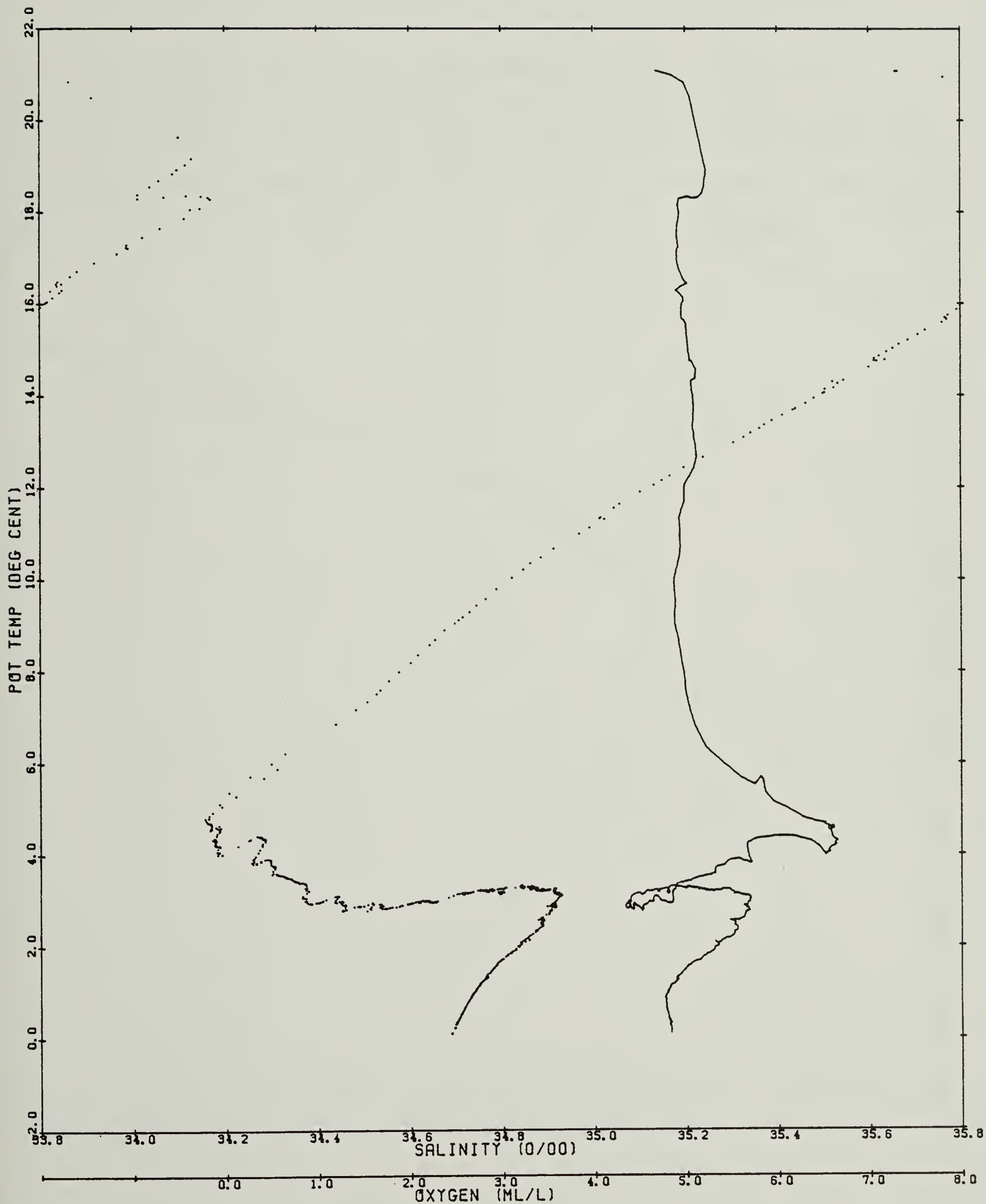
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ST 7



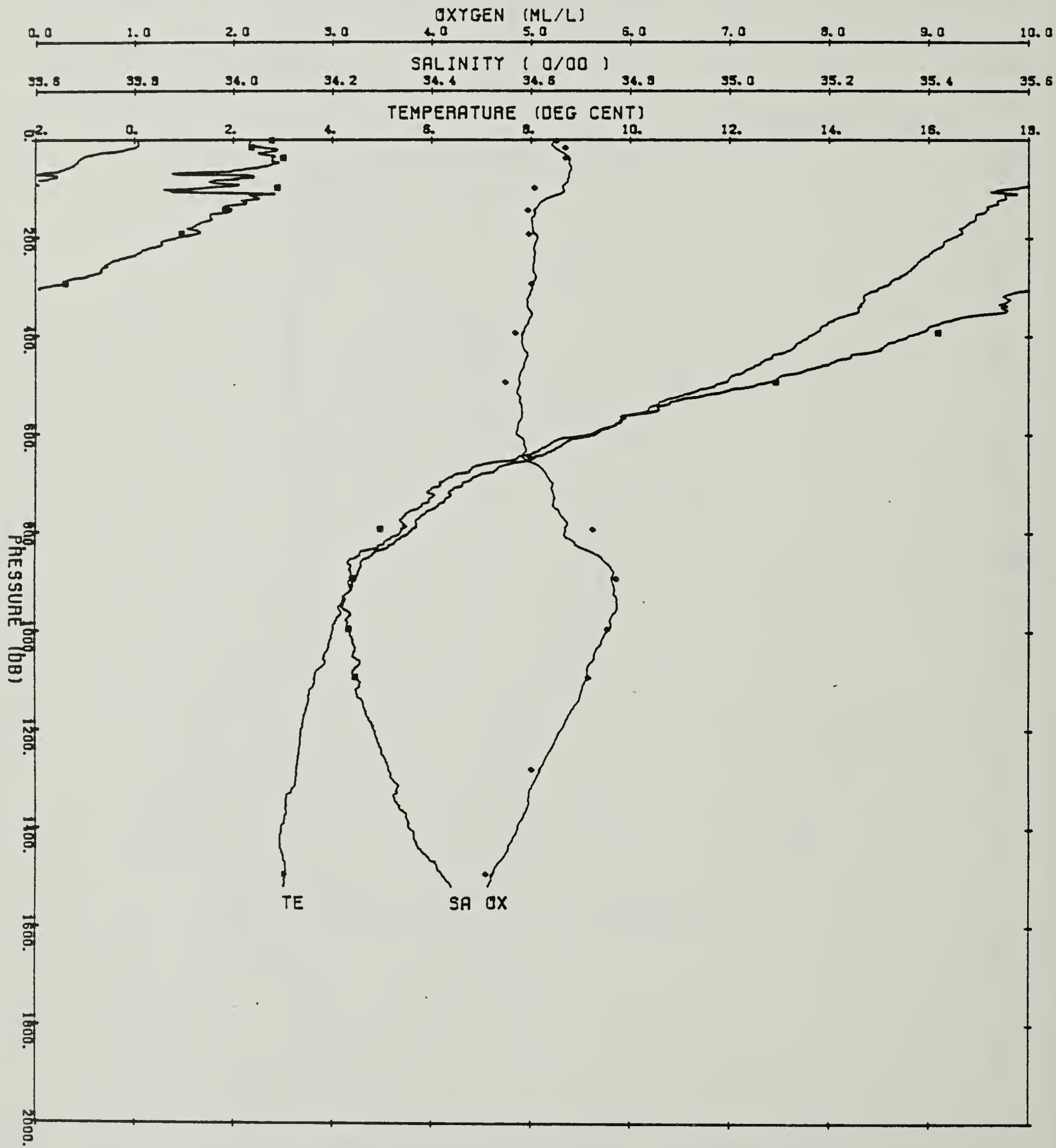
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ST 7



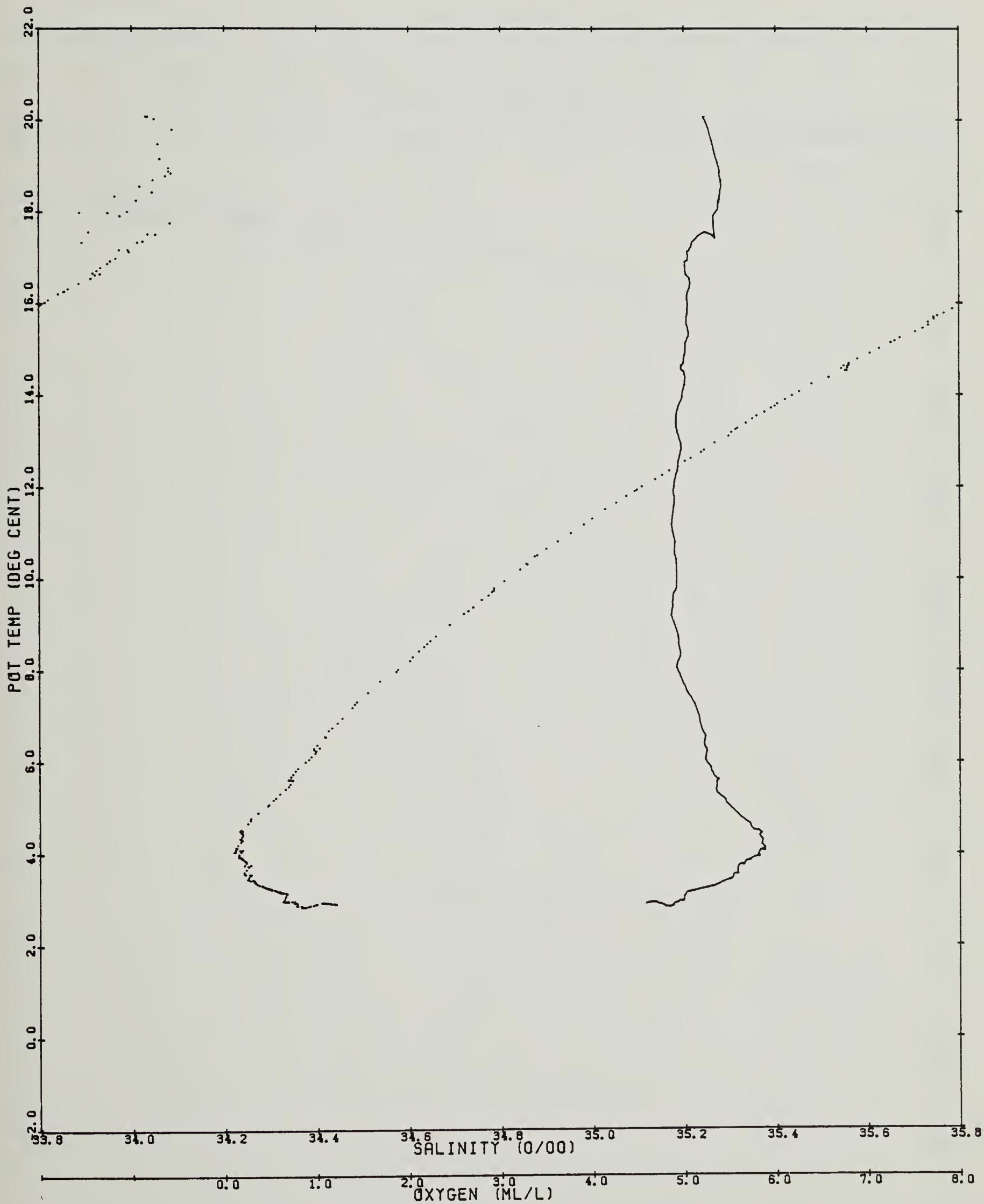
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ST 8



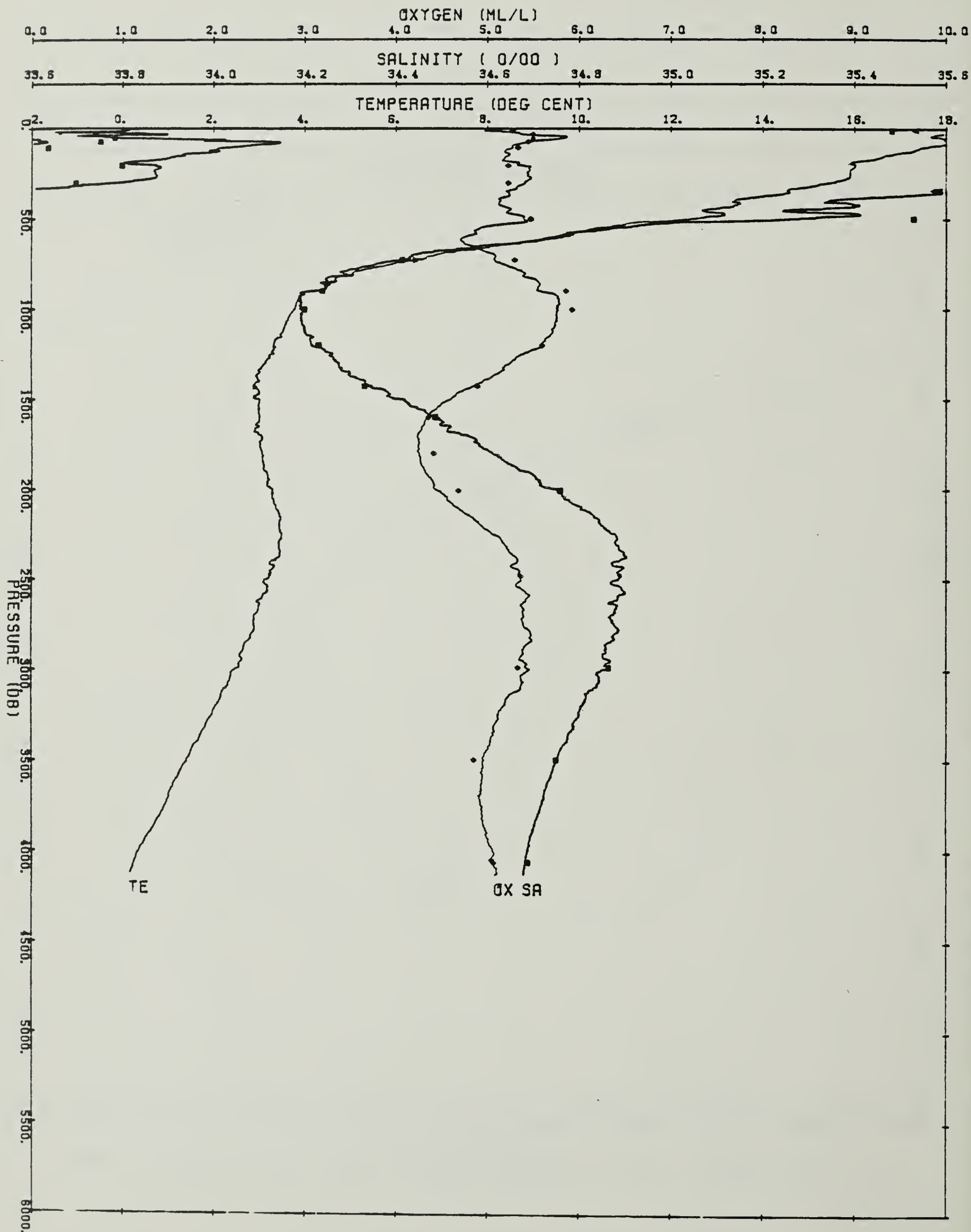
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ST 8



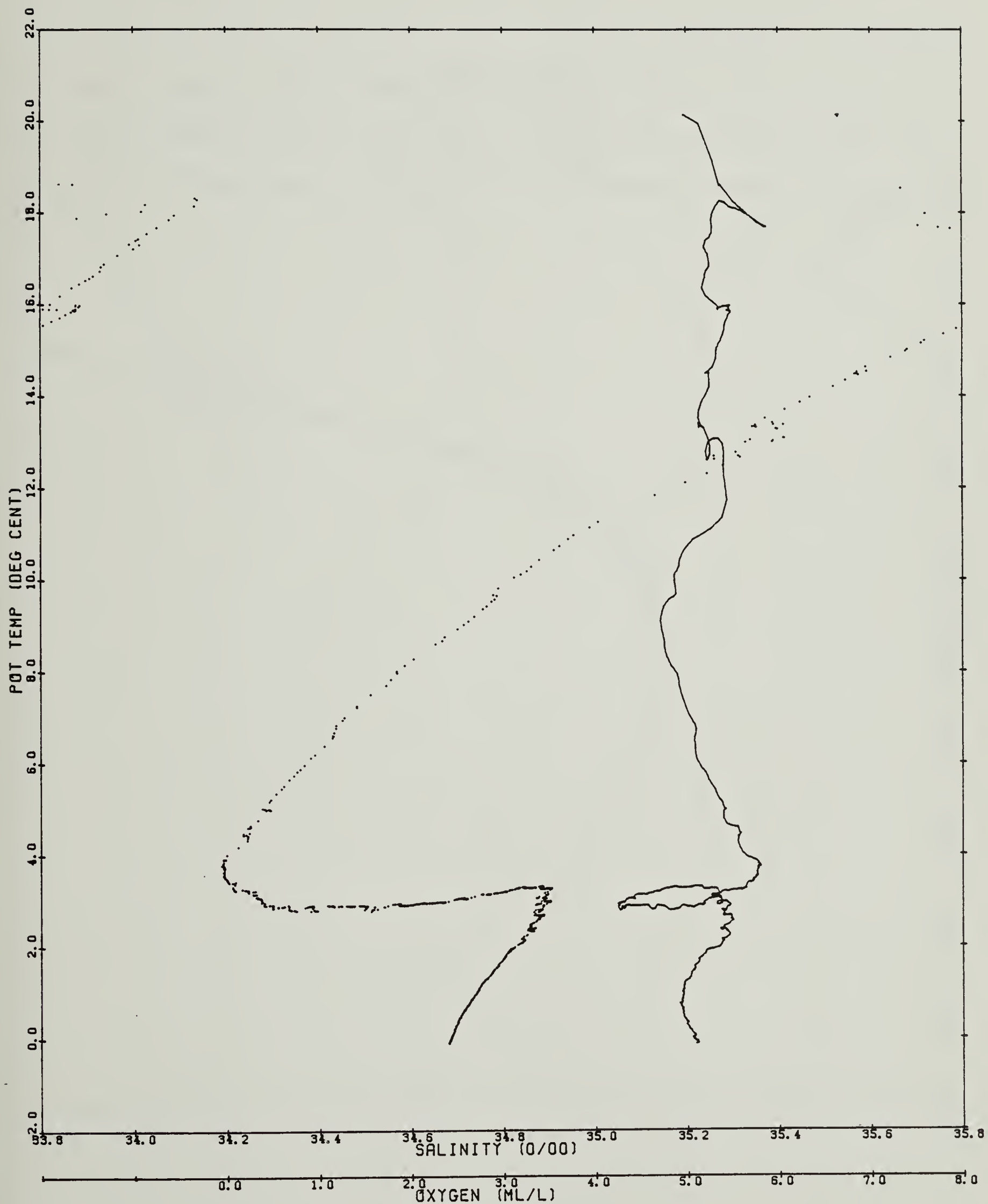
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ST 9



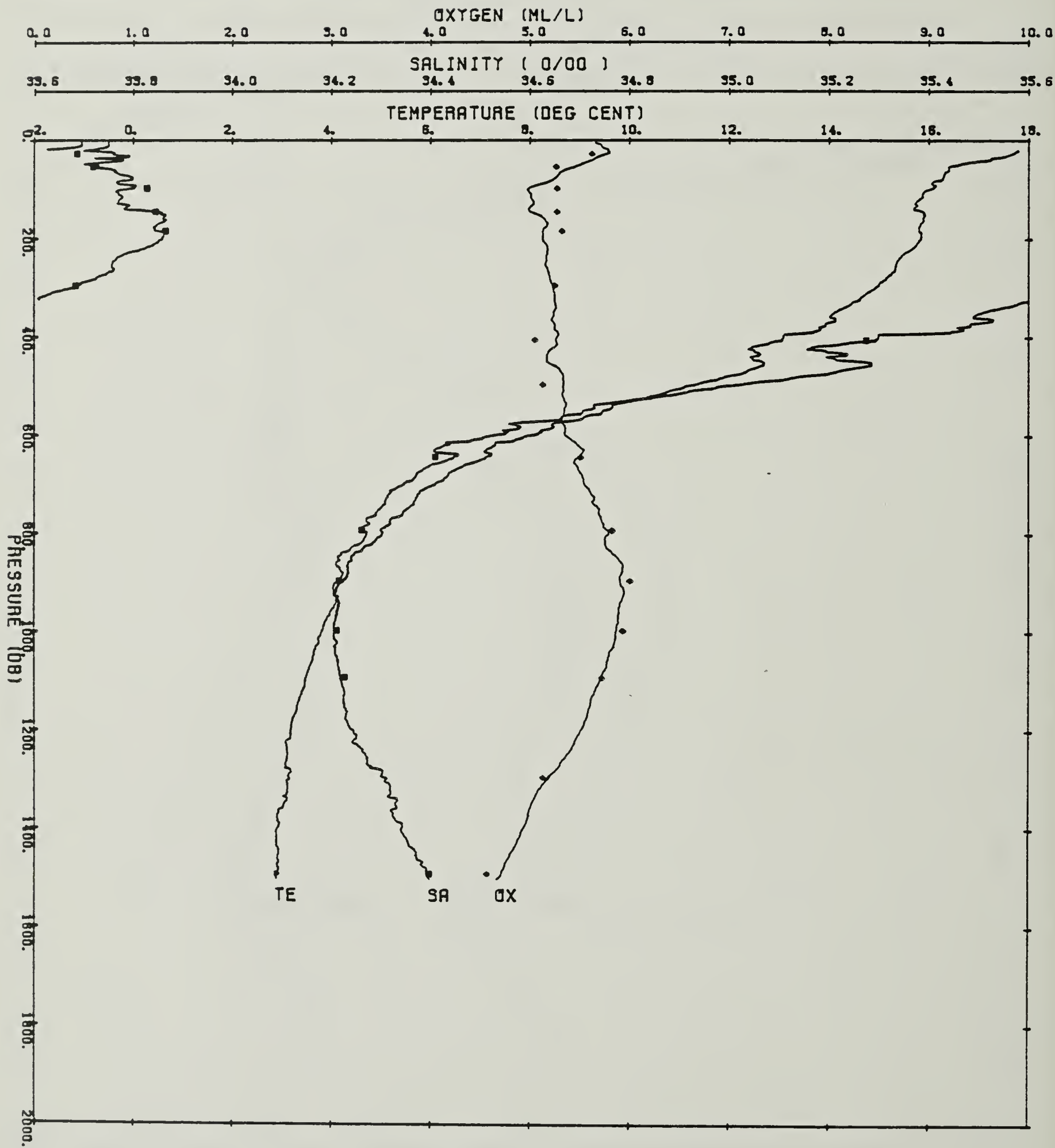
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ST 9



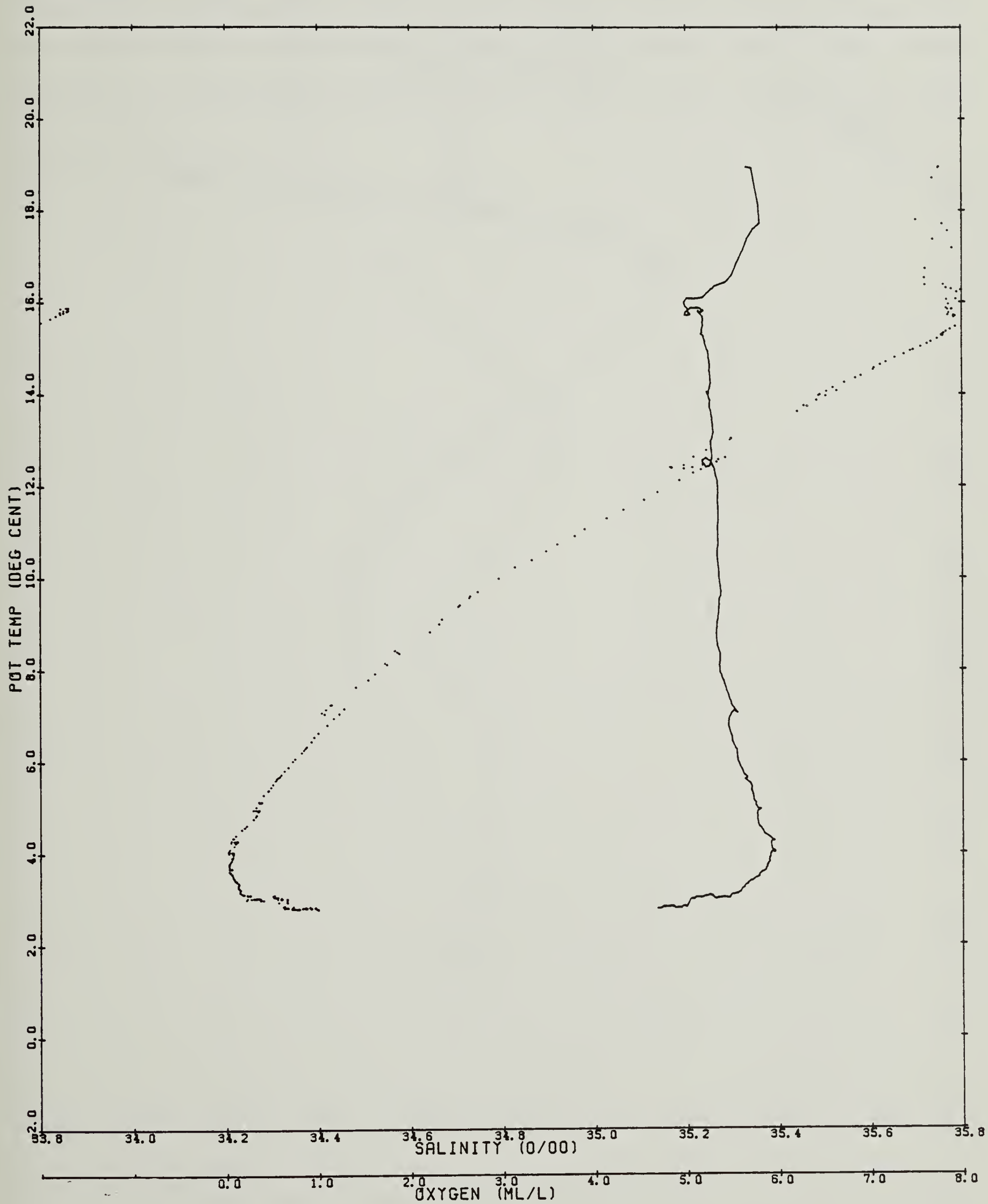
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ST 10



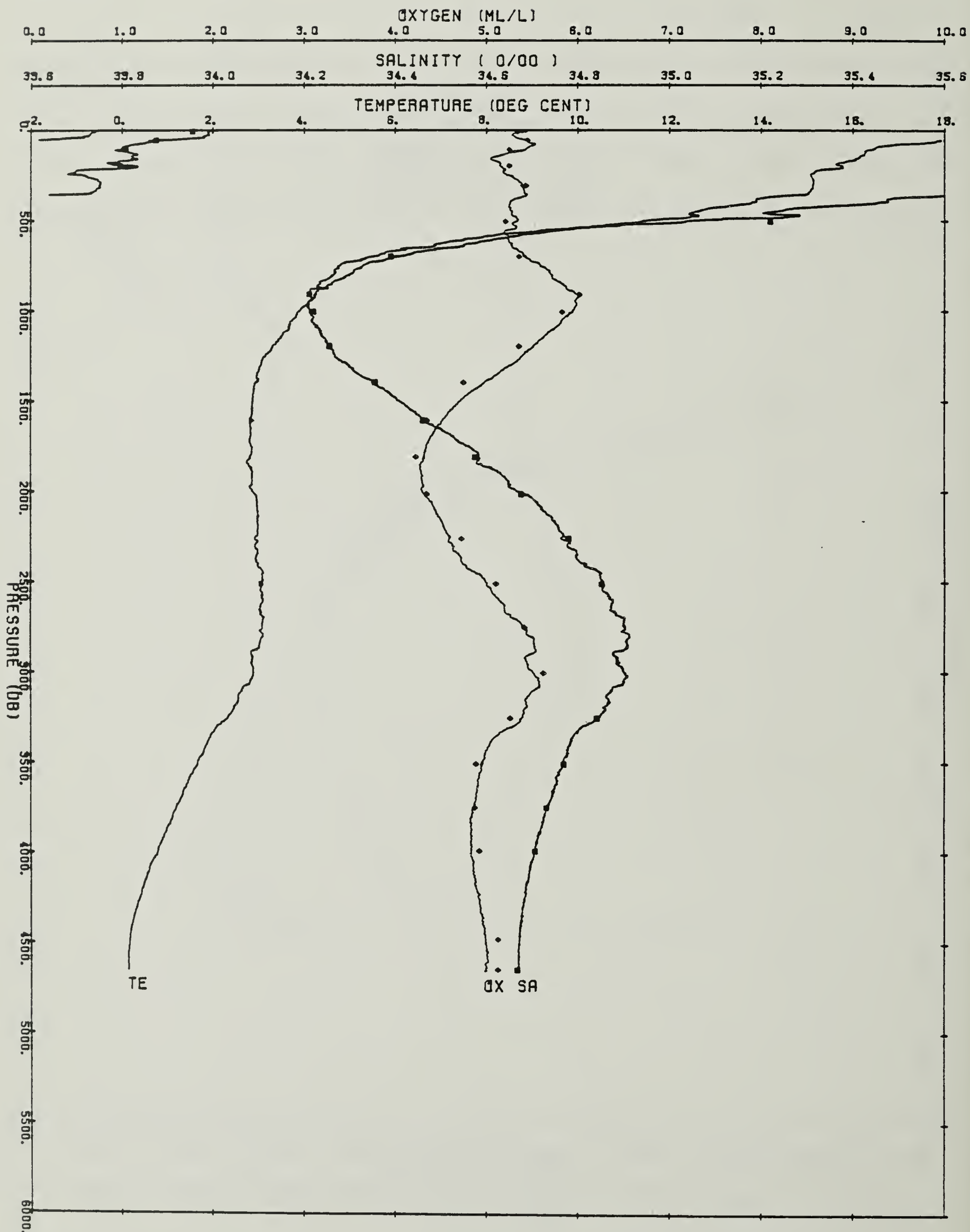
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ST 10



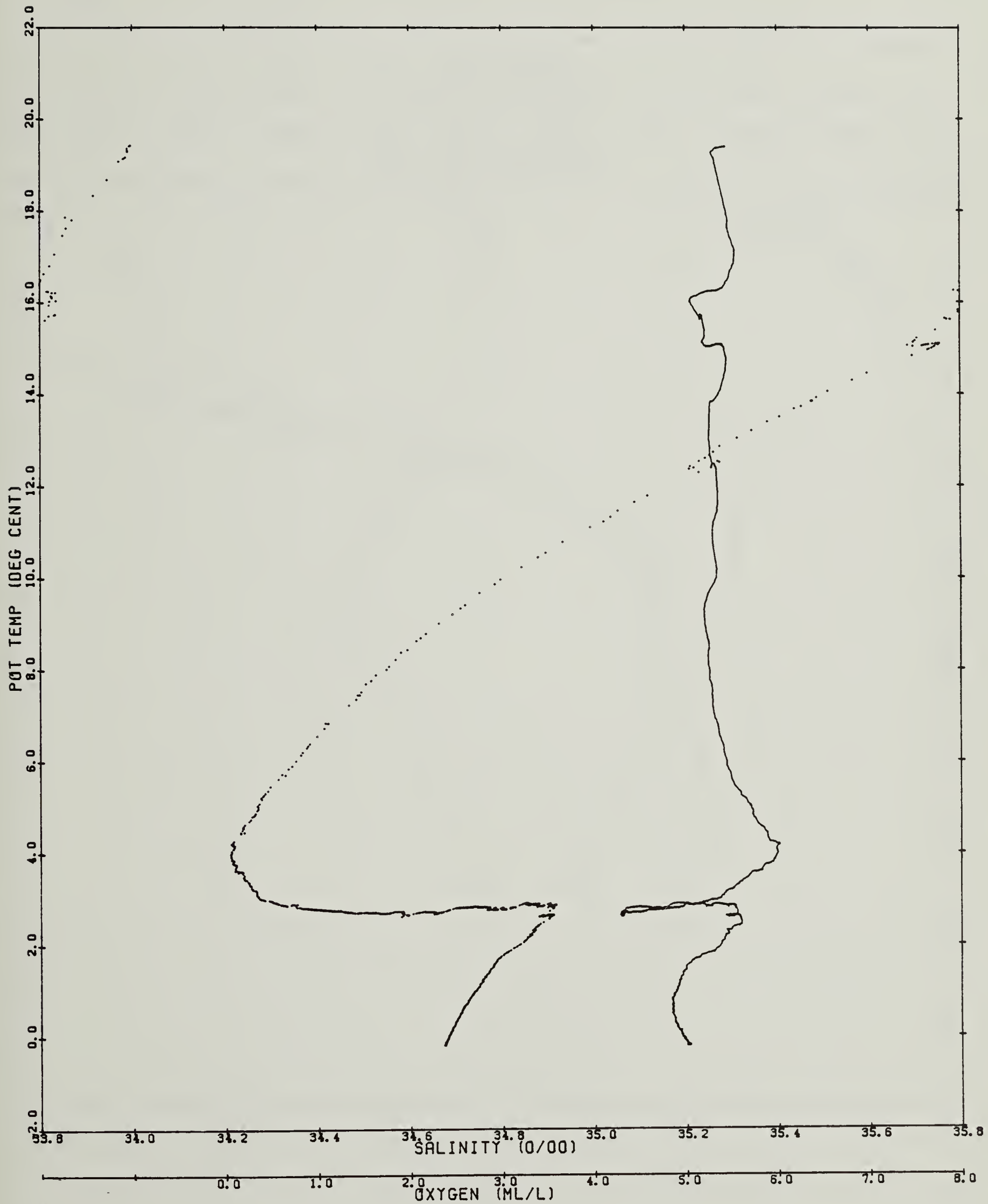
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ST 11



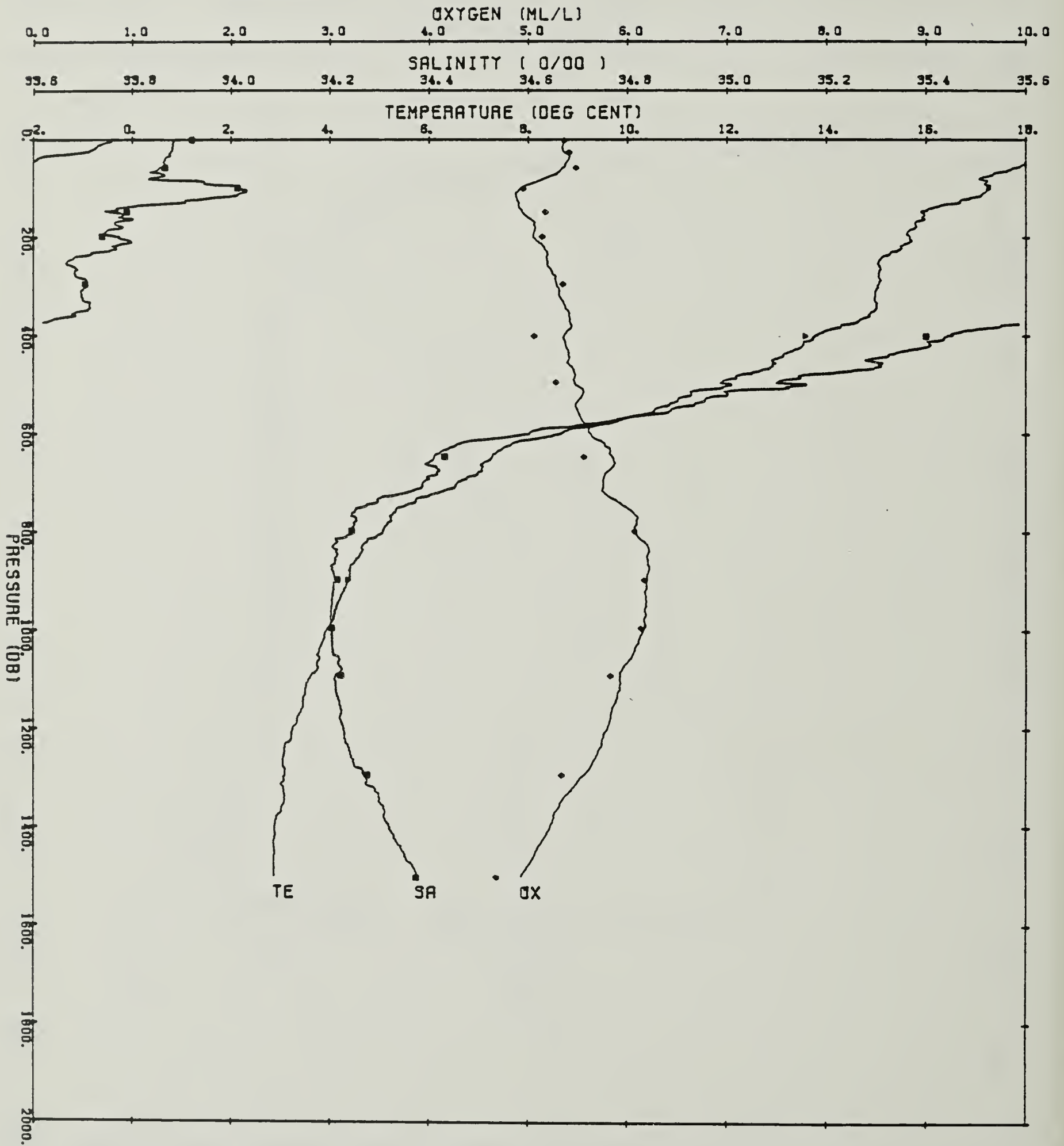
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ST 11



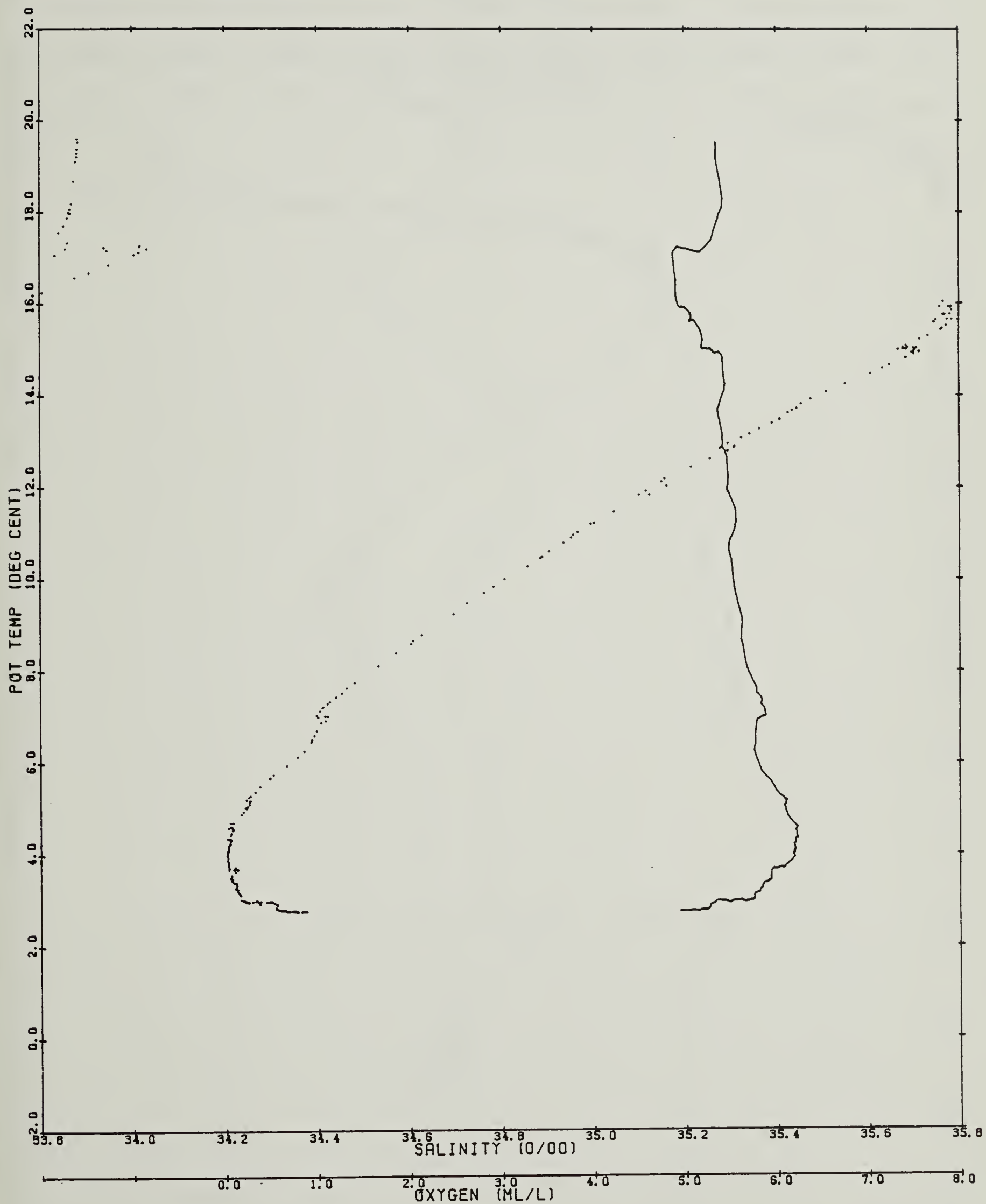
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ST 12



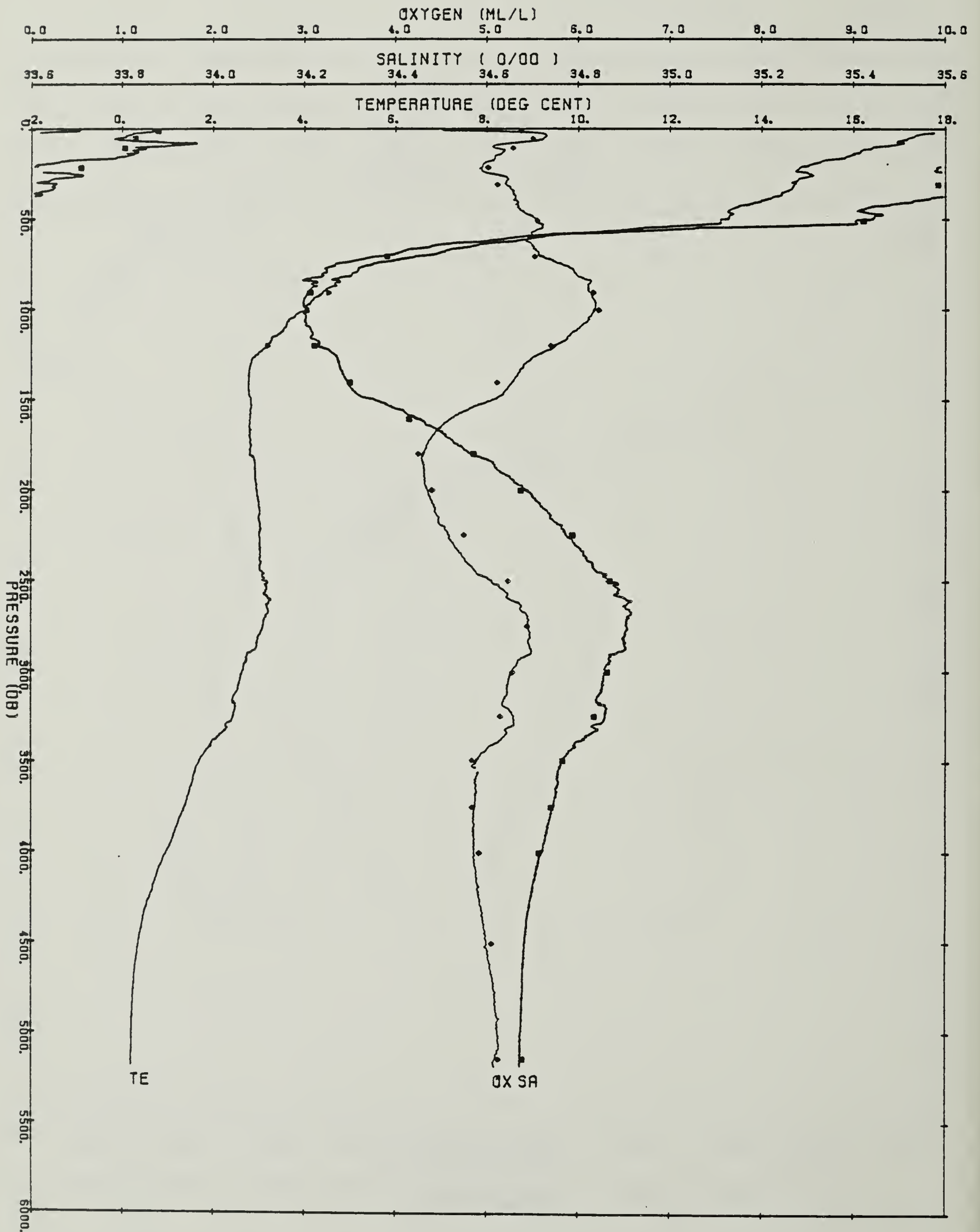
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ST 12



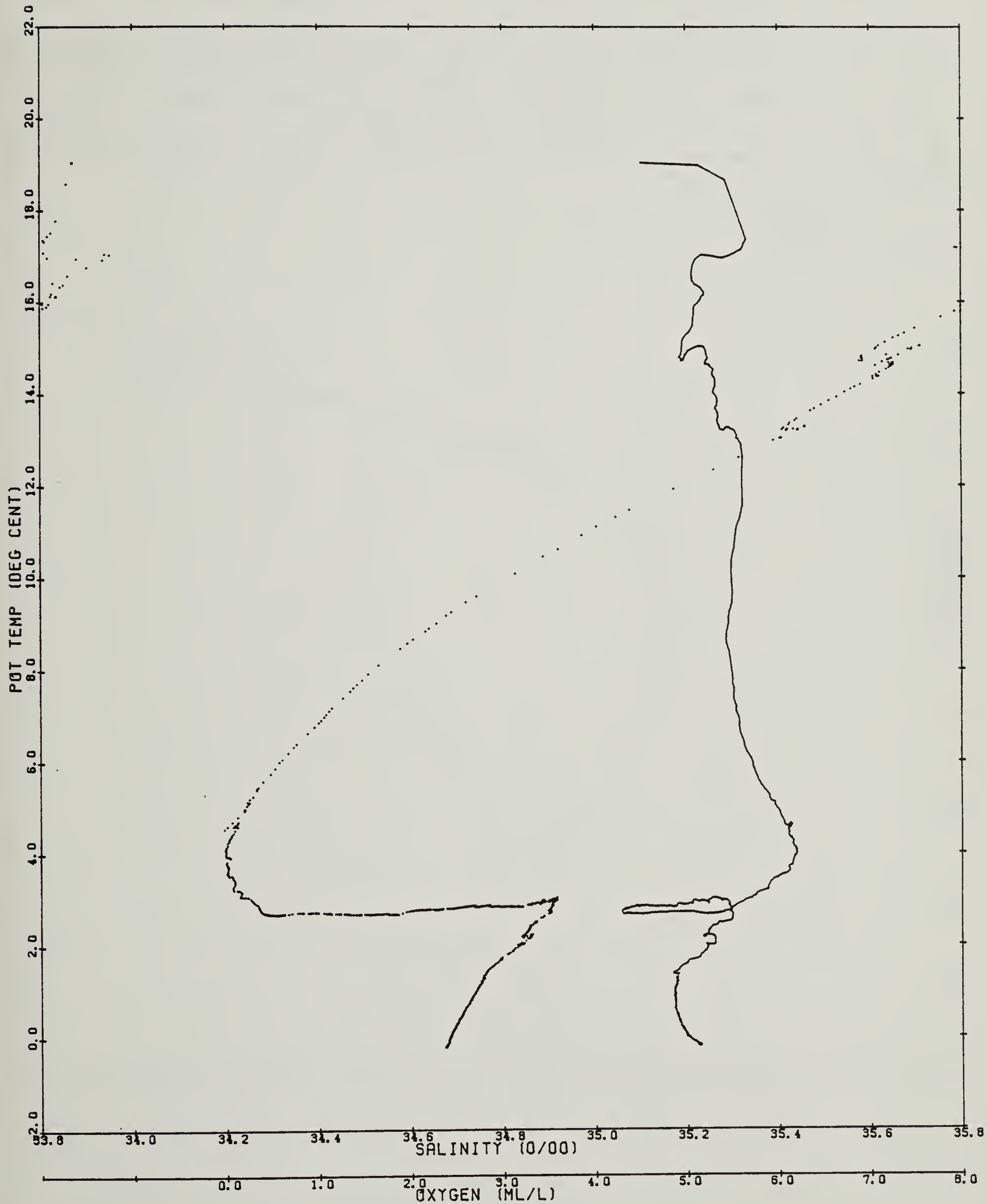
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ST 13



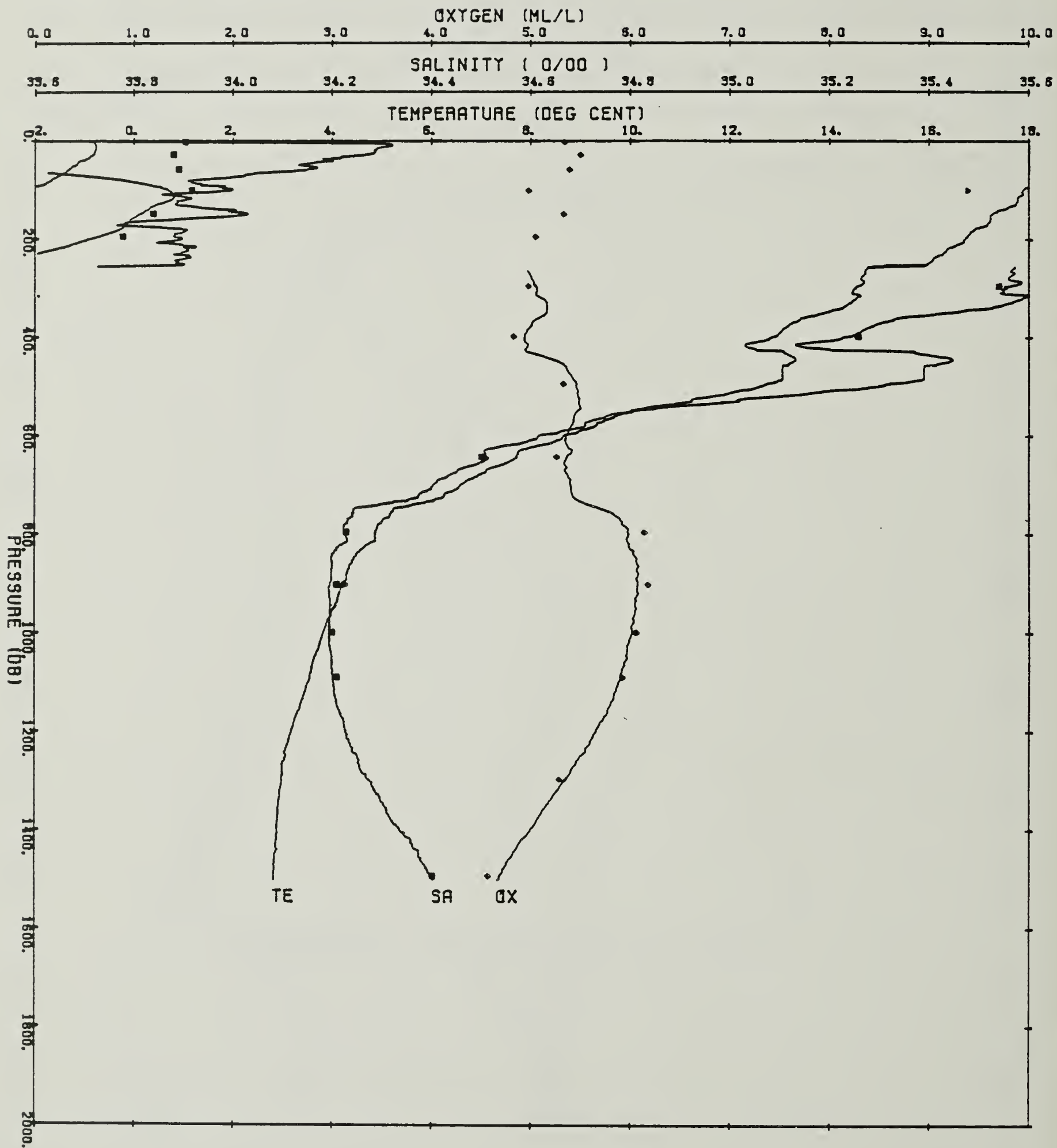
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ST 13



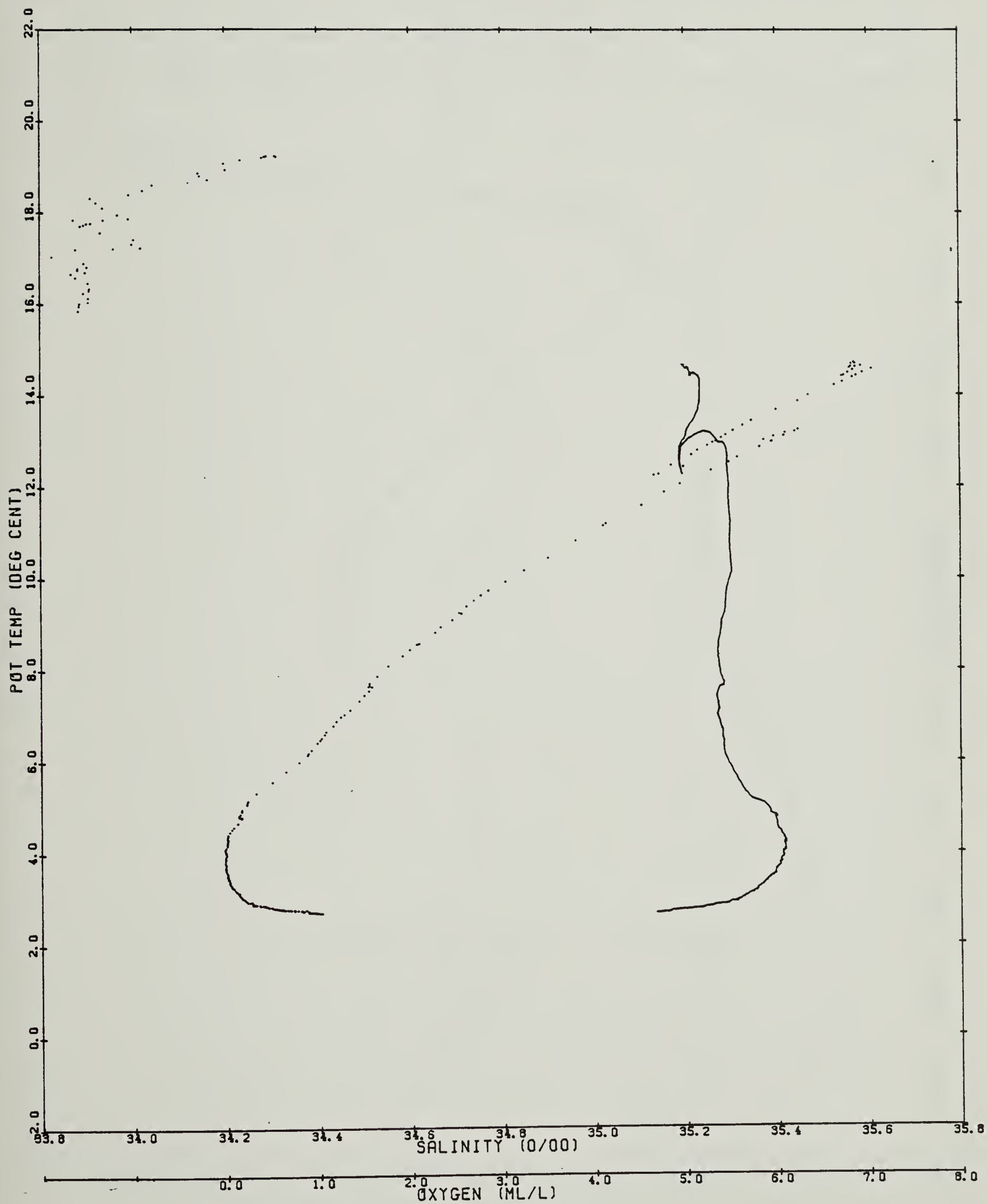
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ST 14



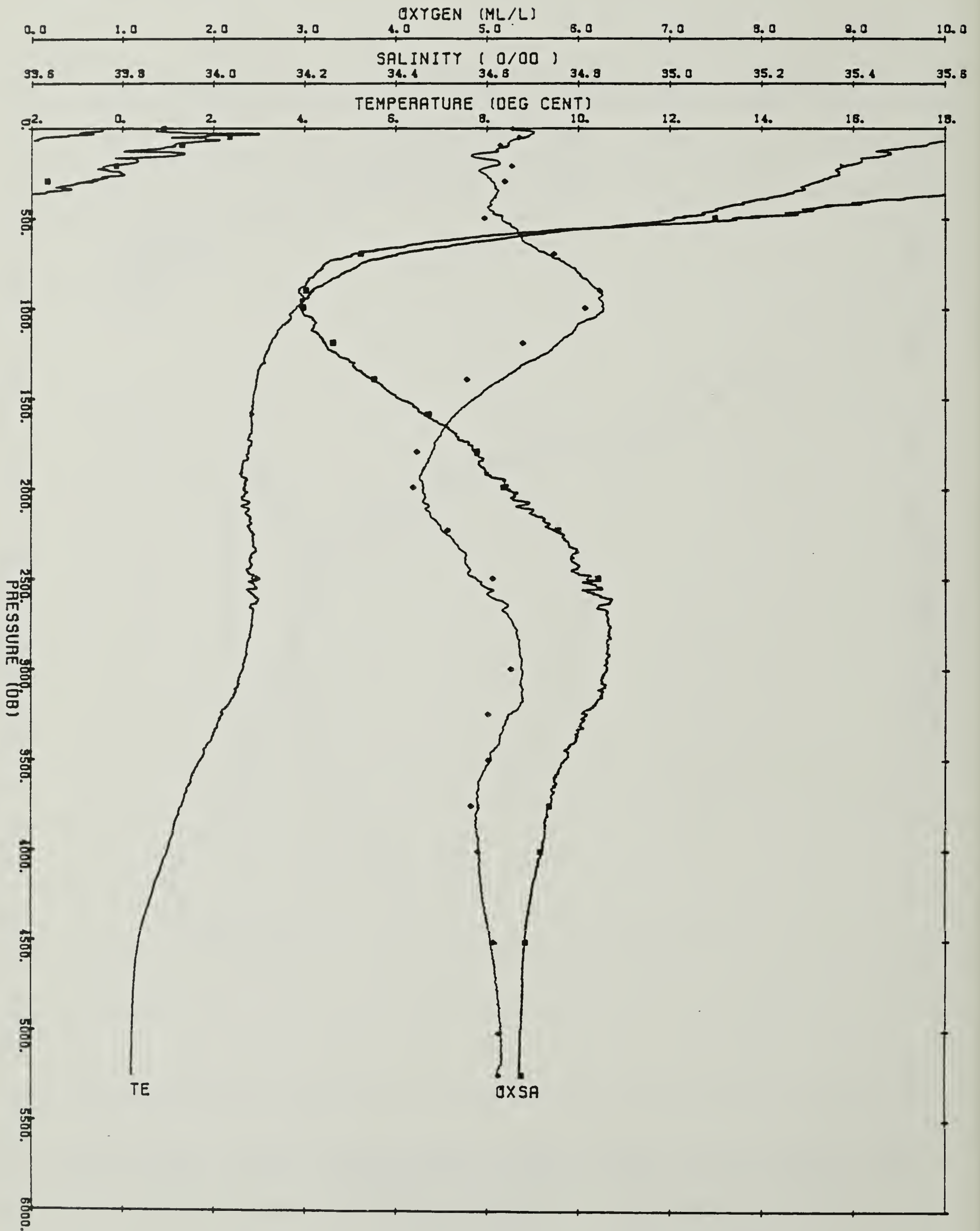
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ST 14



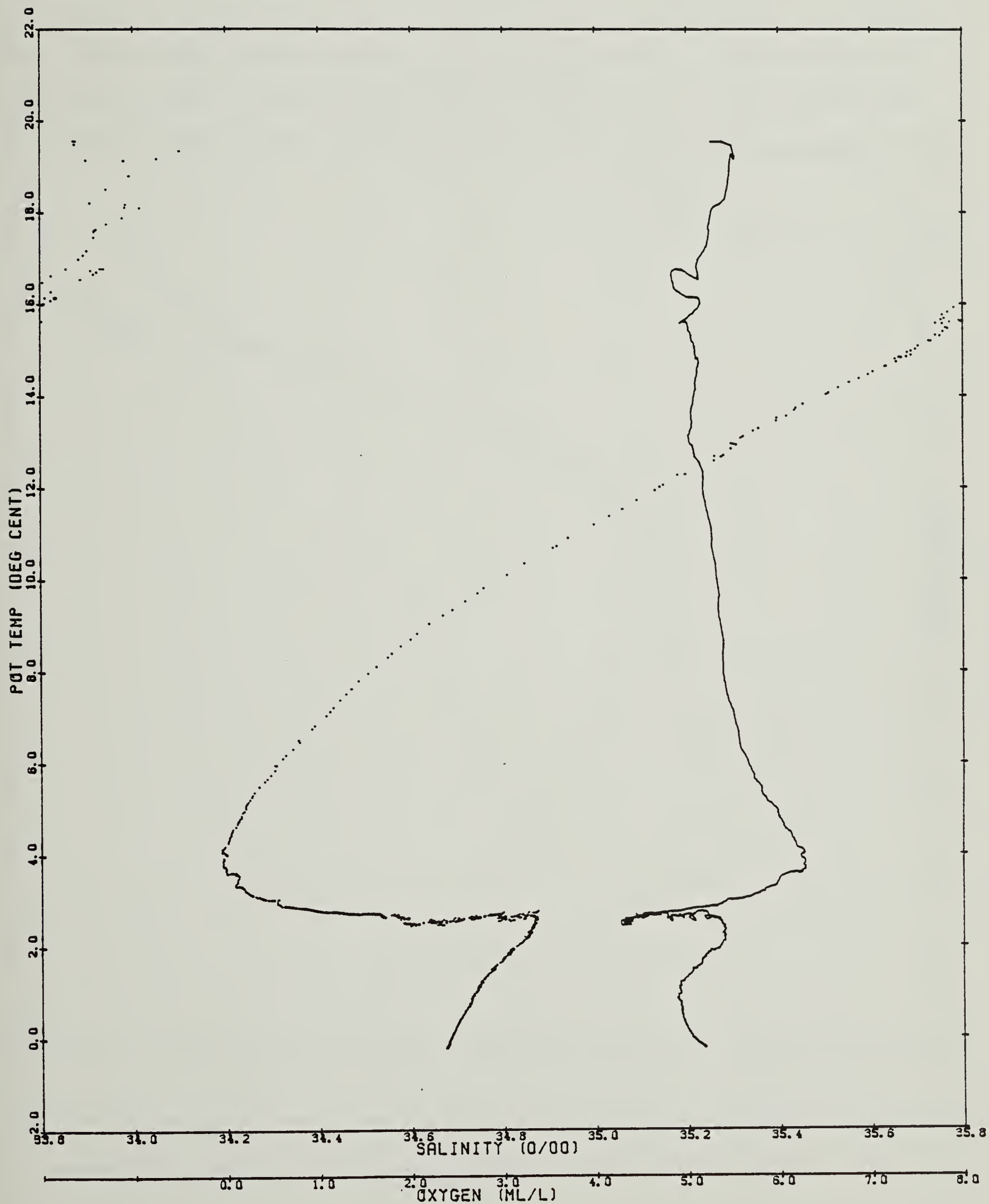
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ST 15



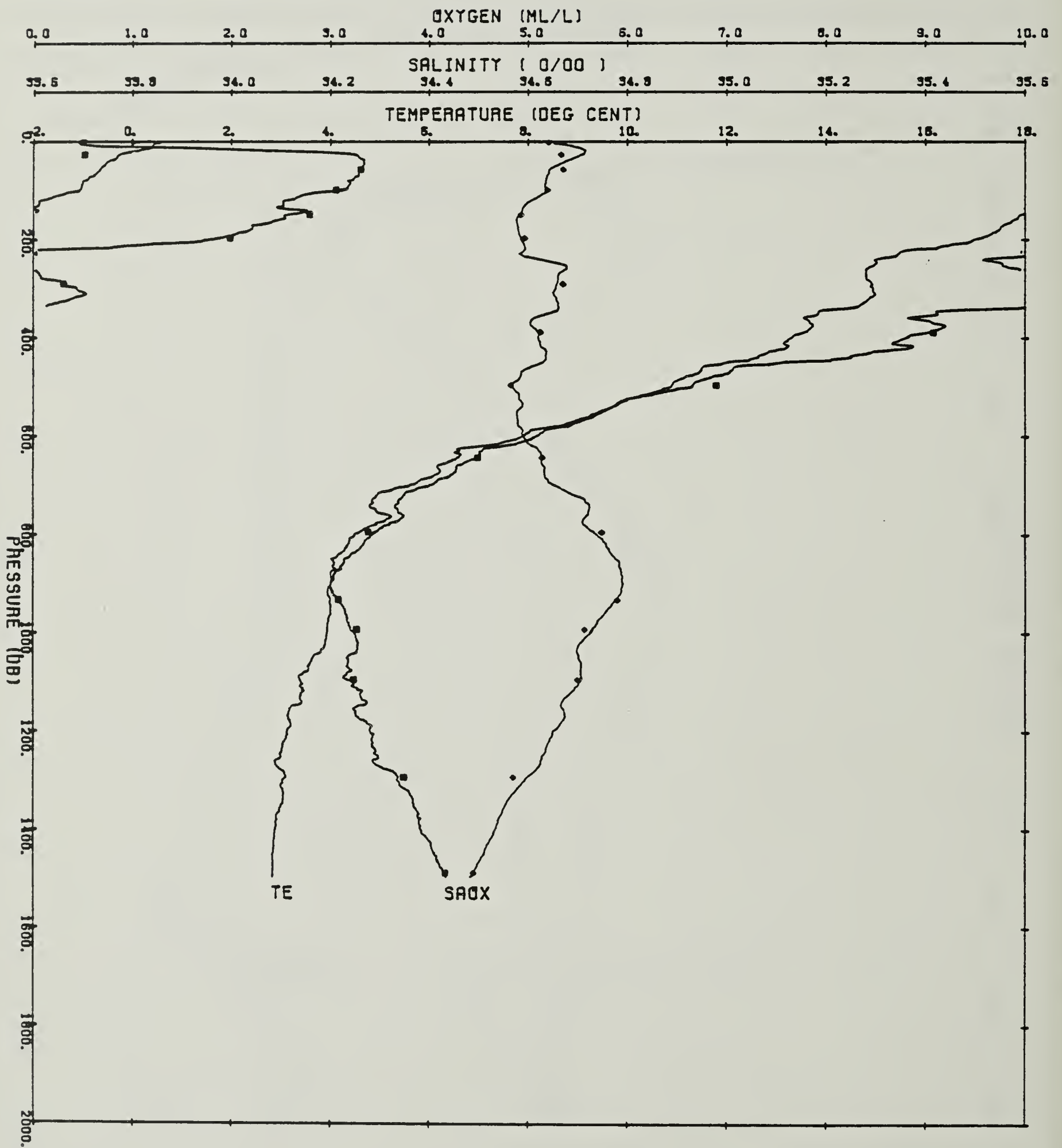
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ST 15



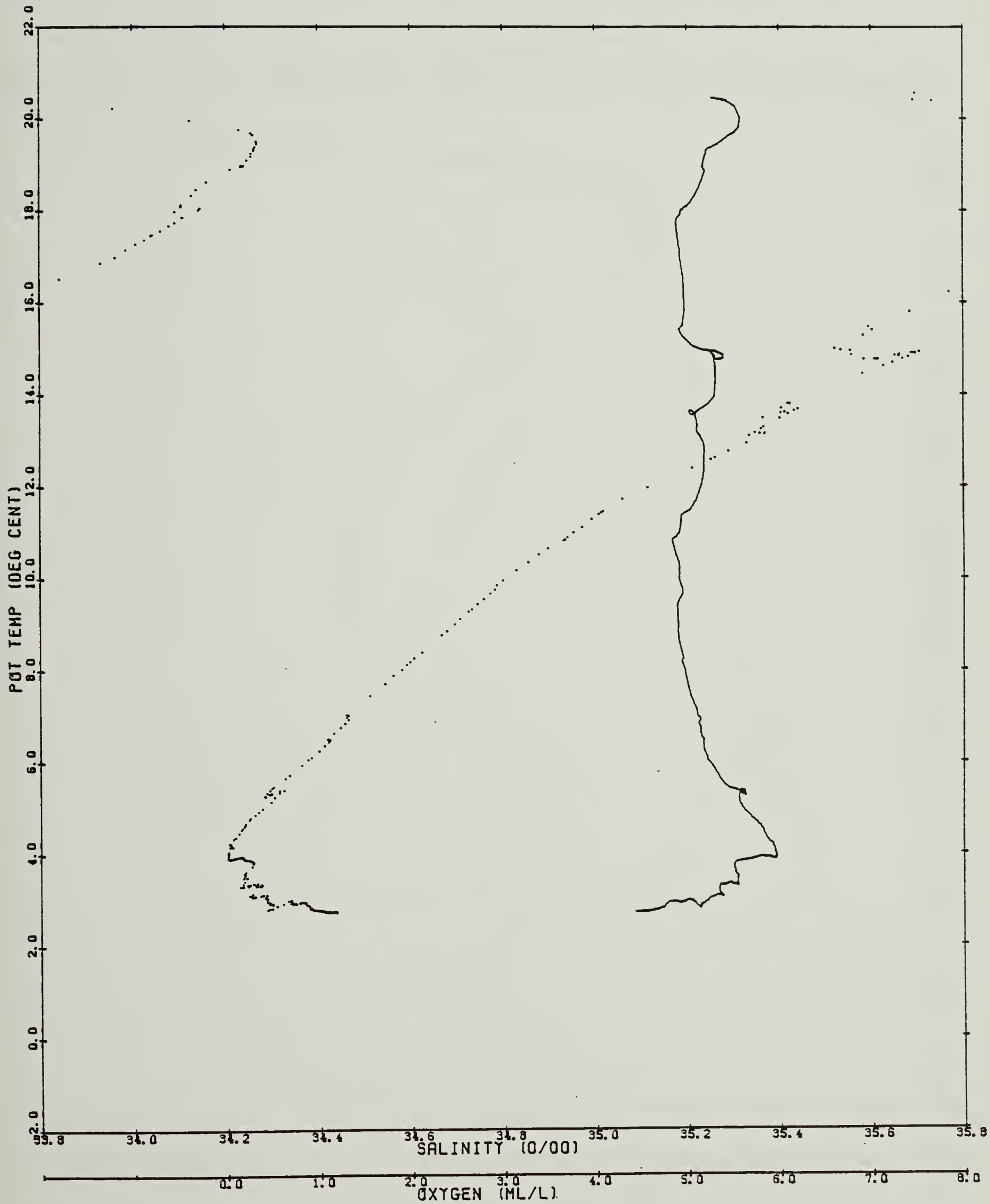
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ST 16



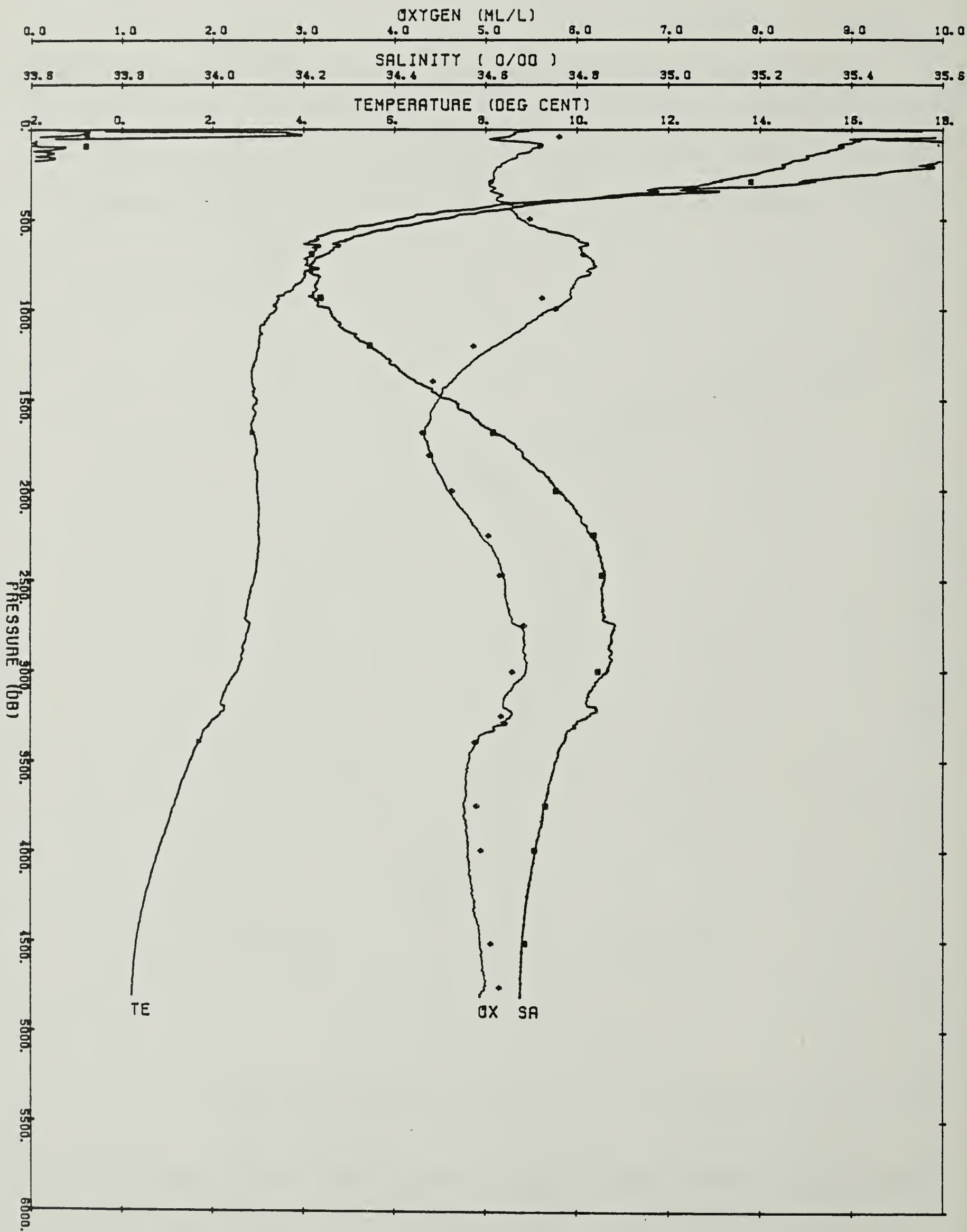
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ST 16



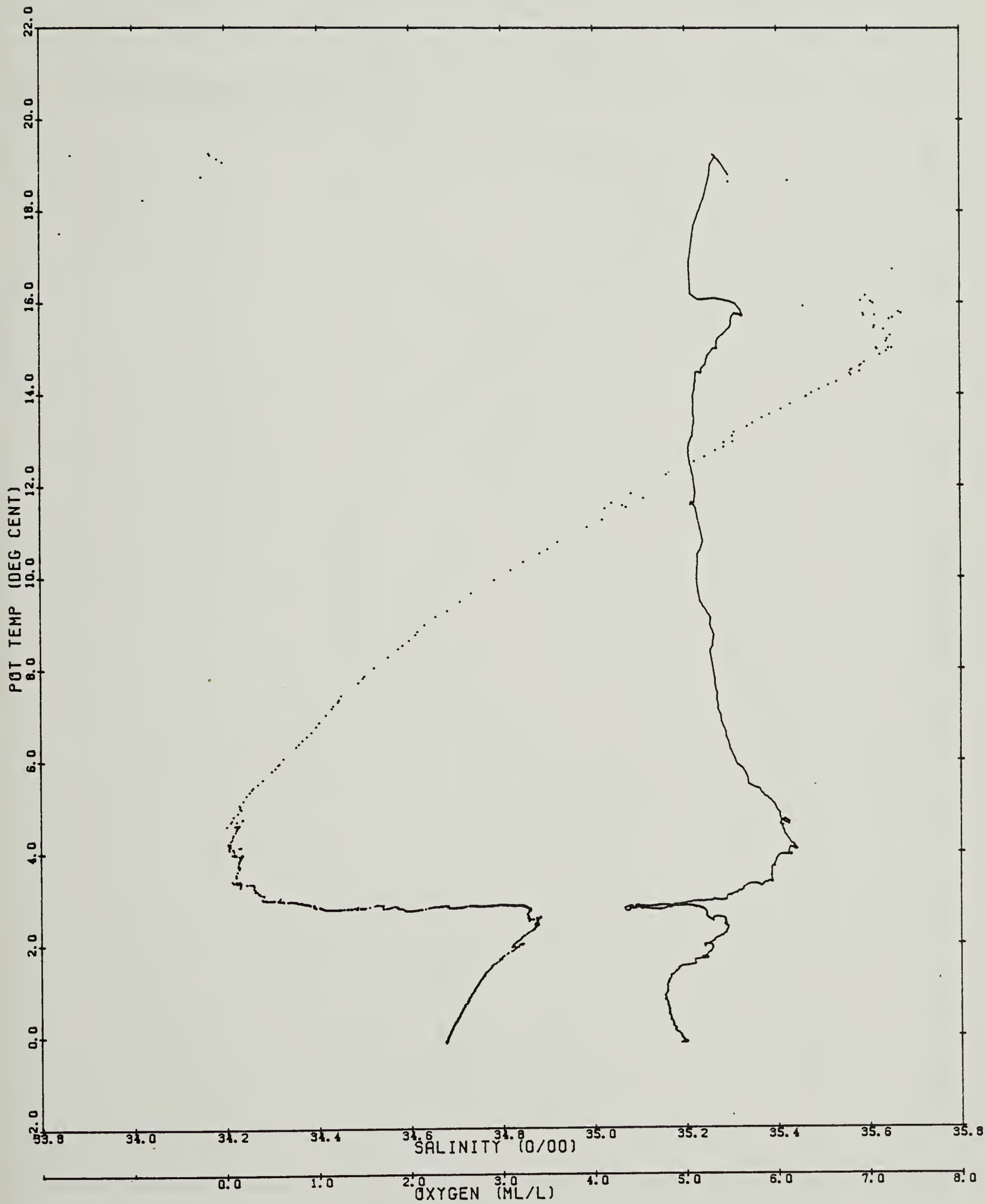
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ST 17



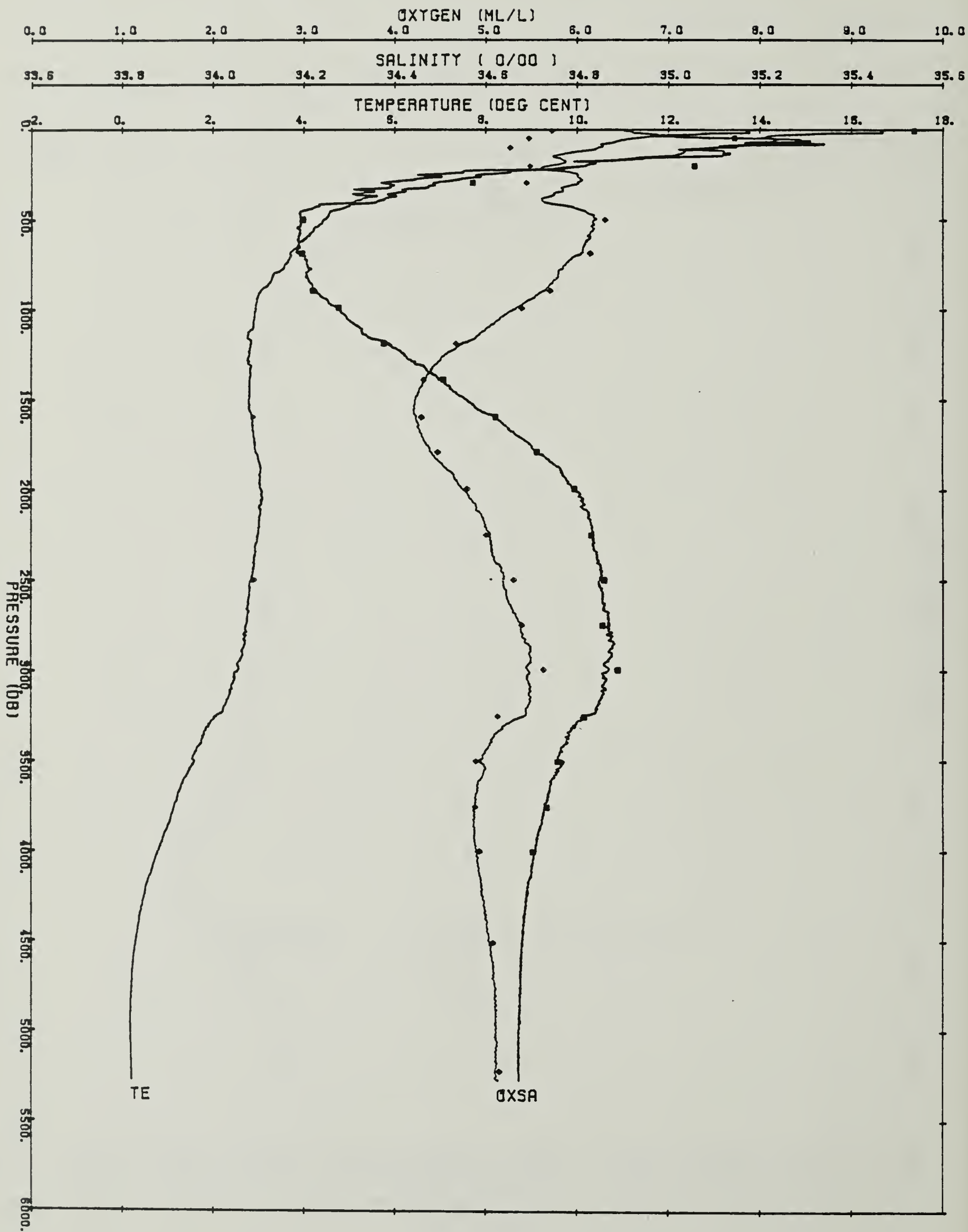
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ST 17



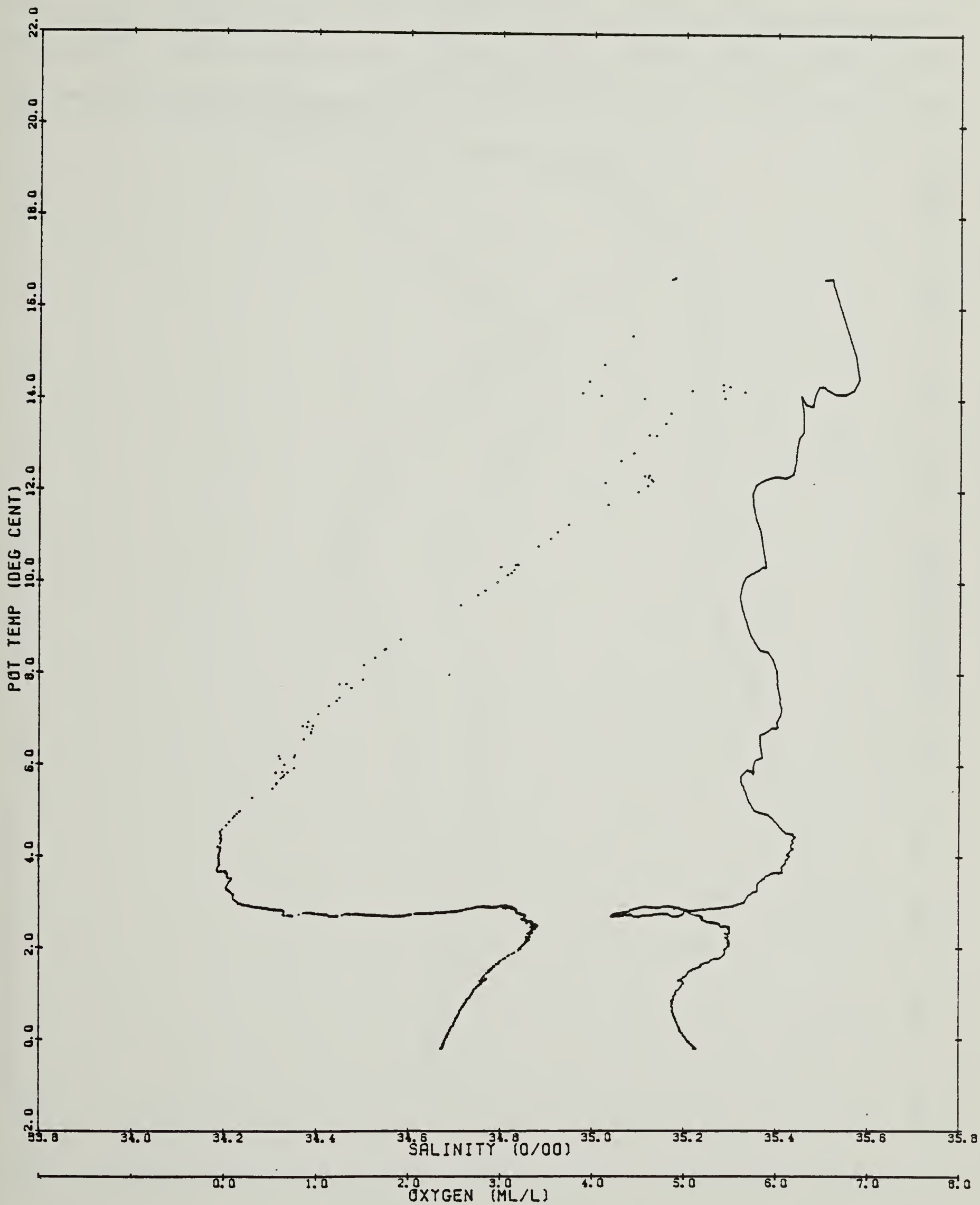
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ST 18



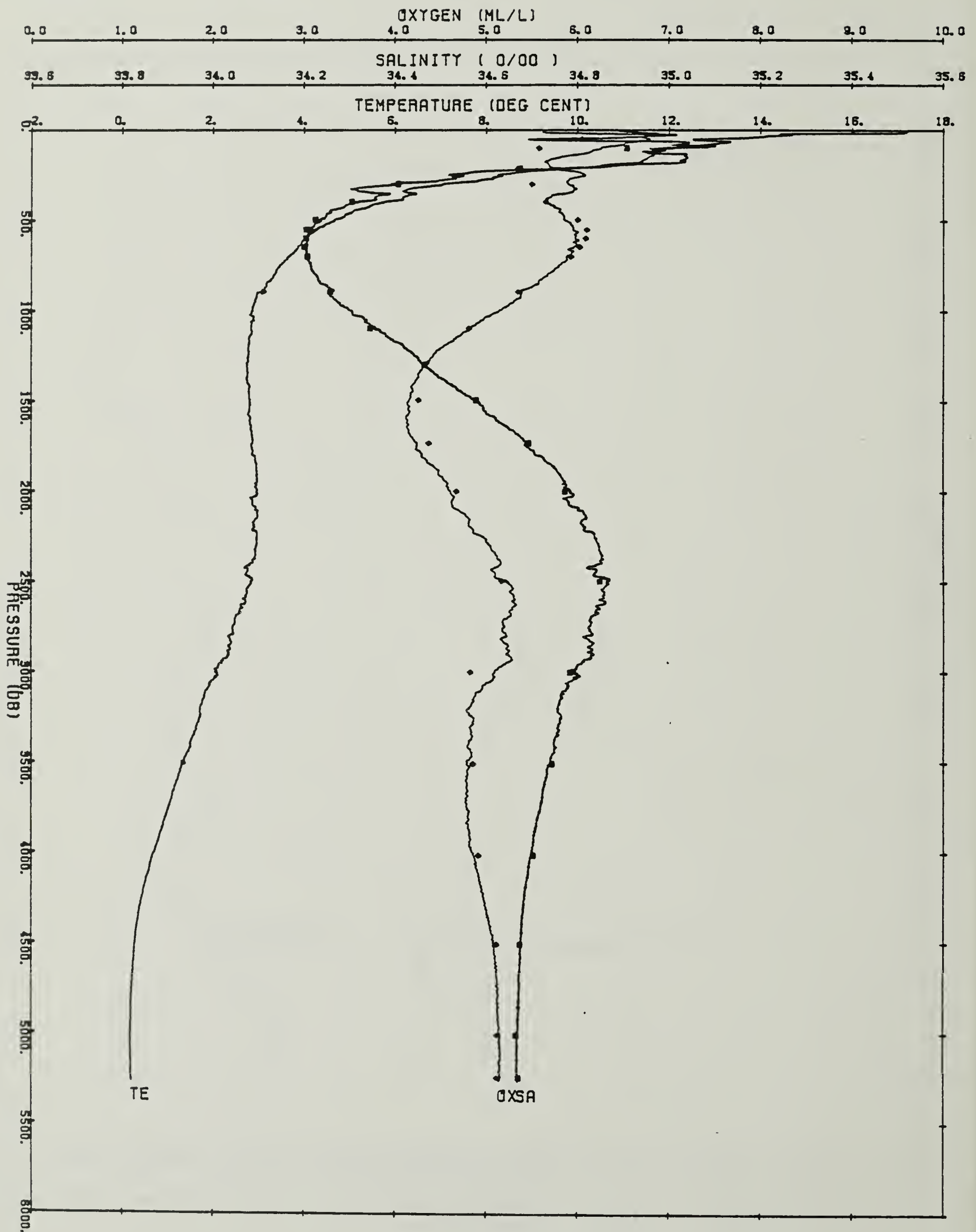
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ST 18



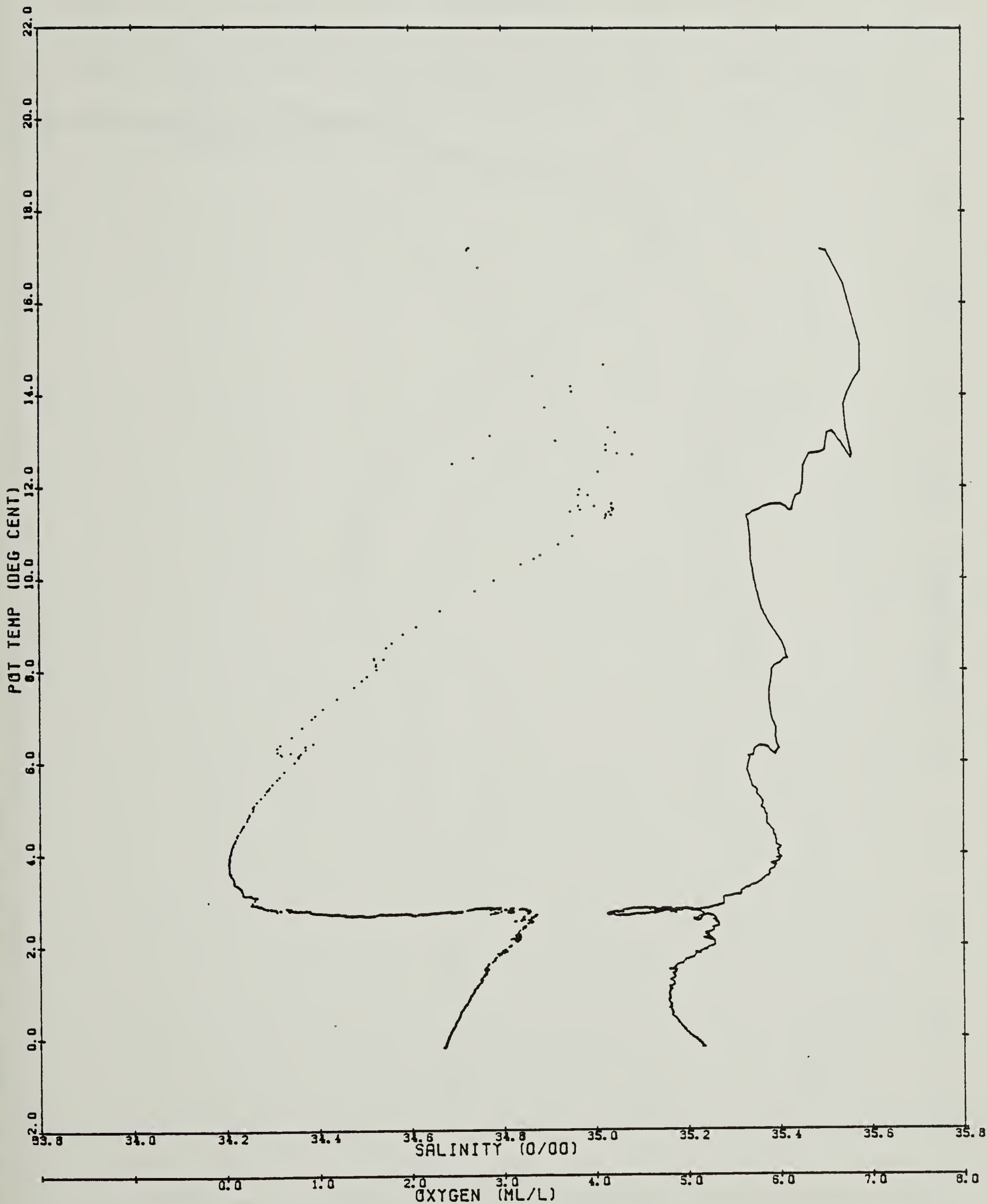
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ST 19



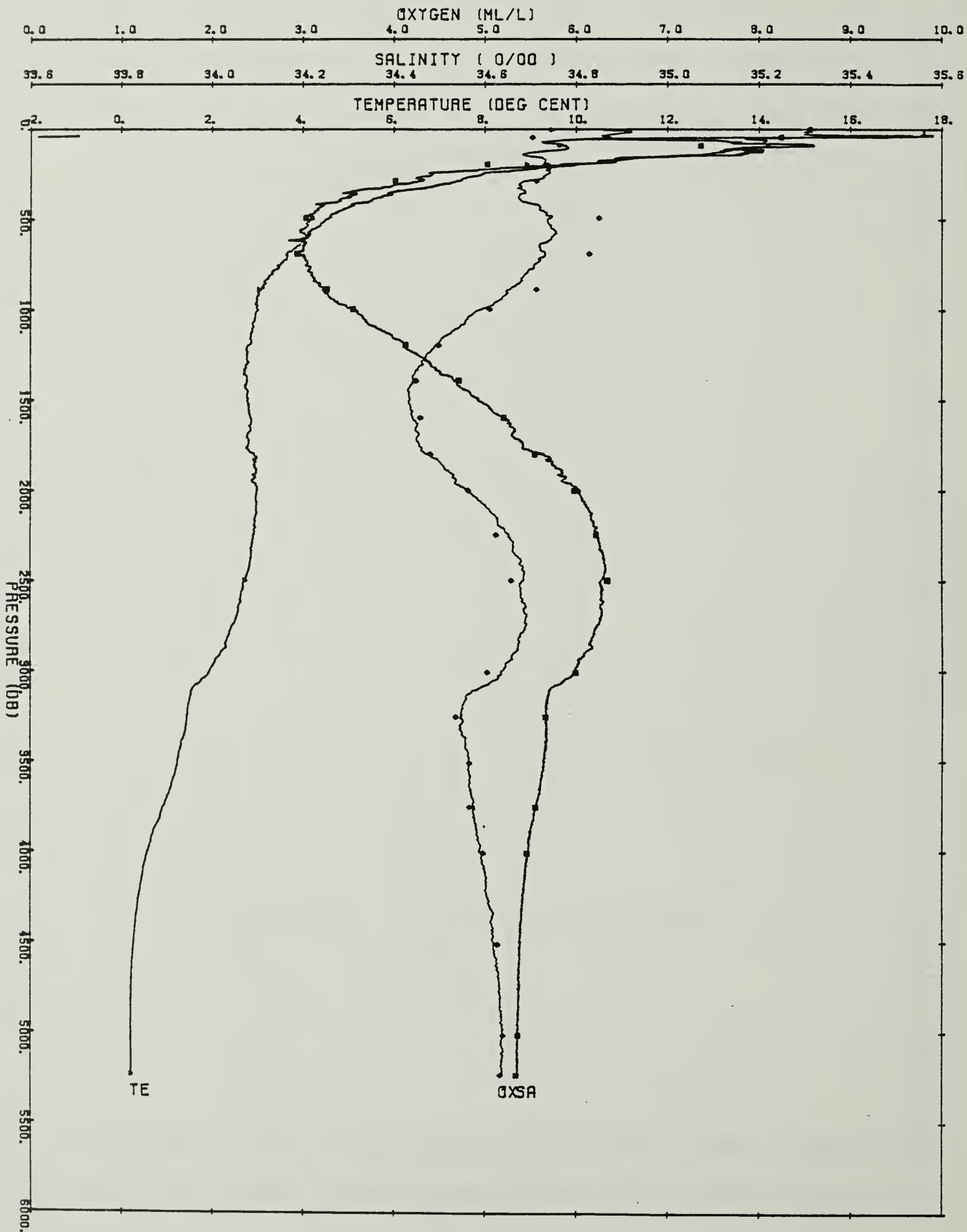
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ST 19



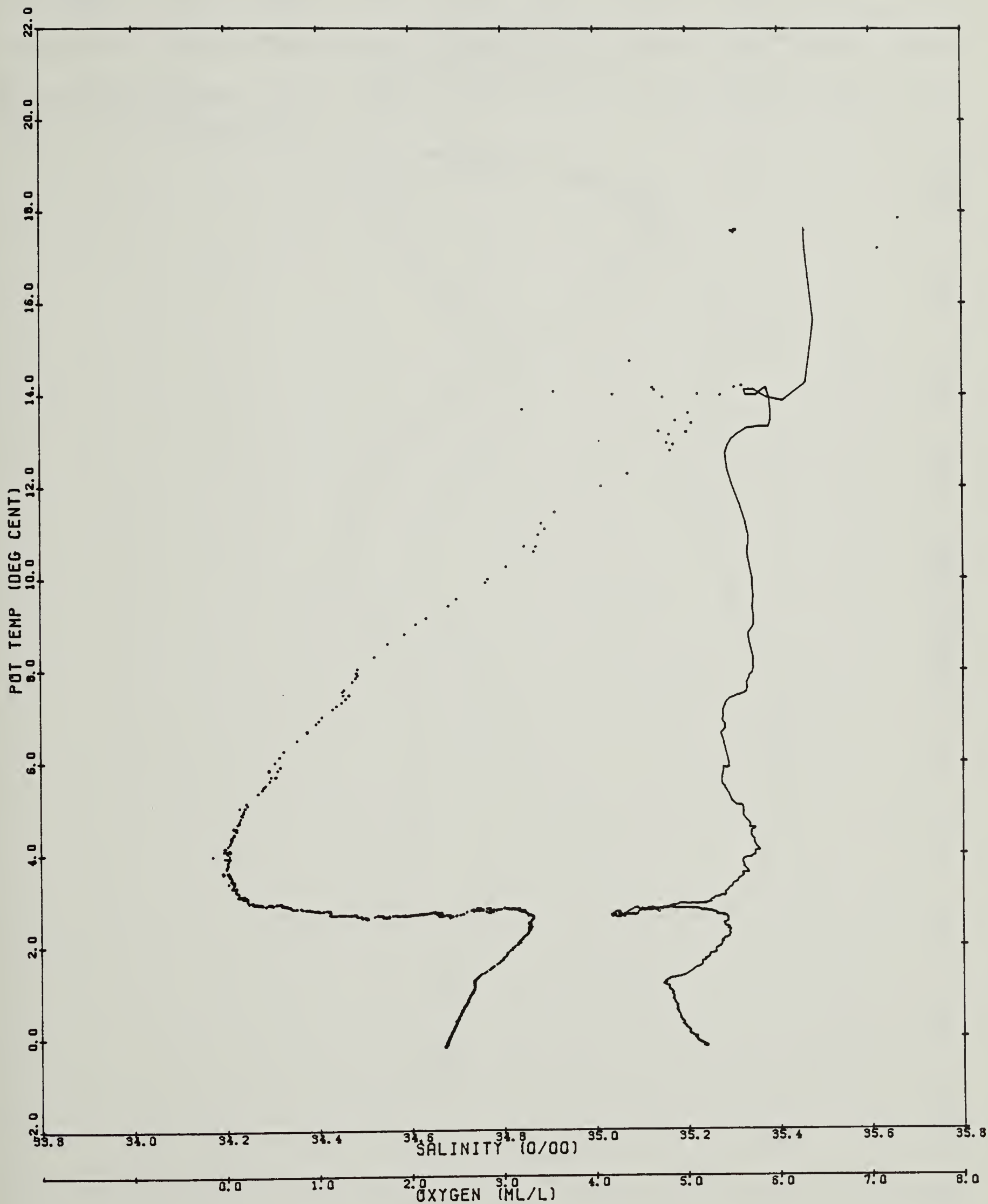
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ST 20



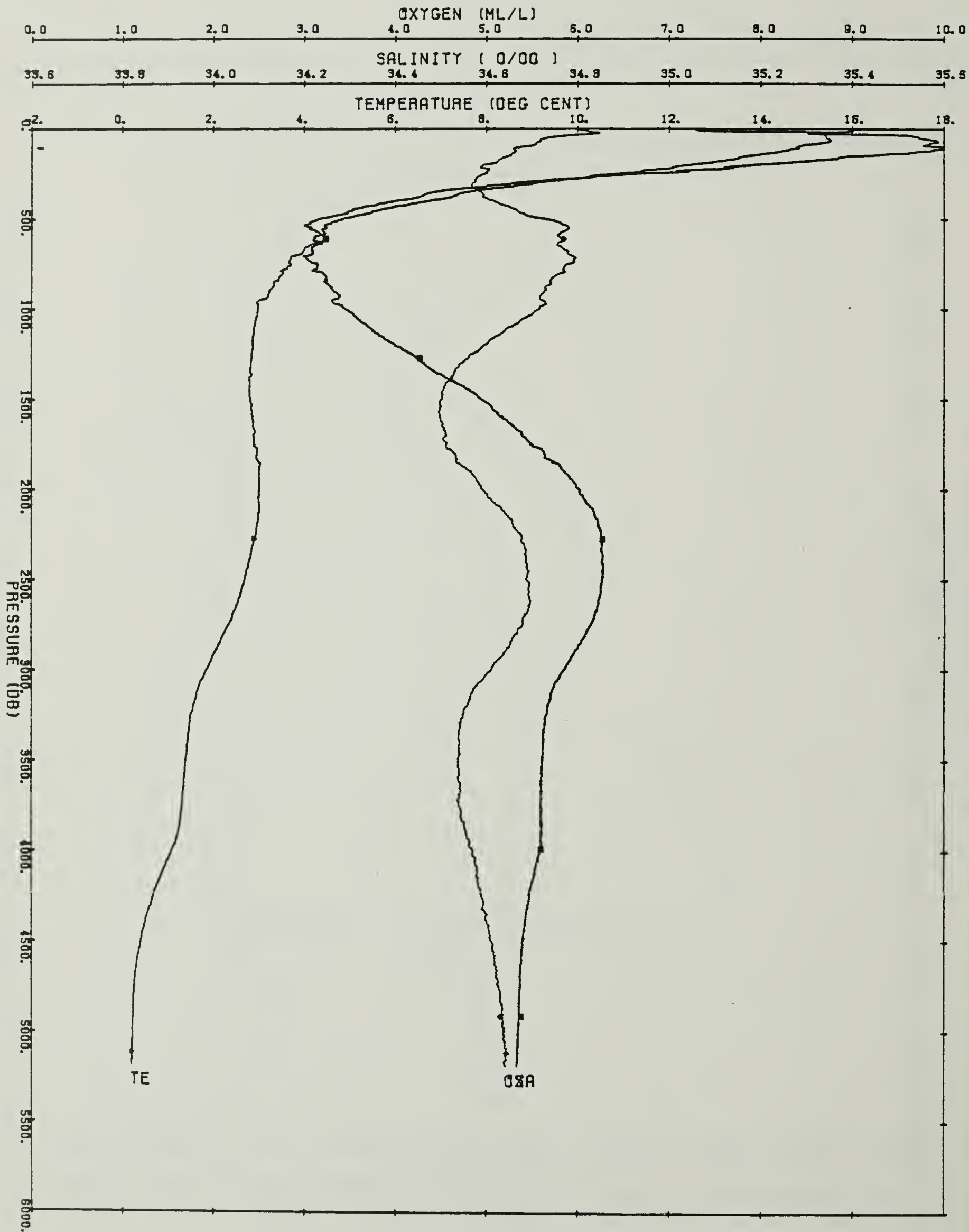
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ST 20



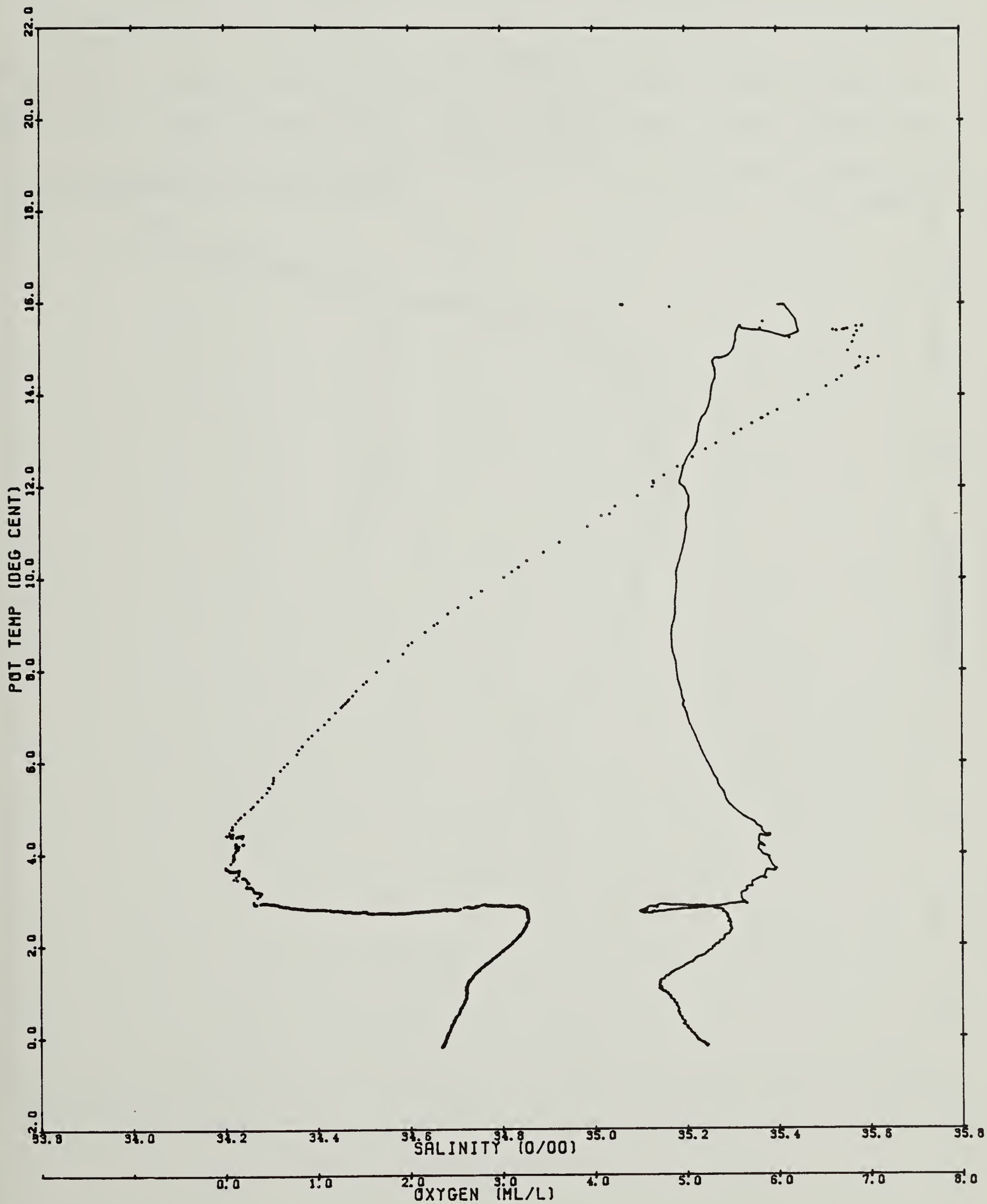
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ST 21



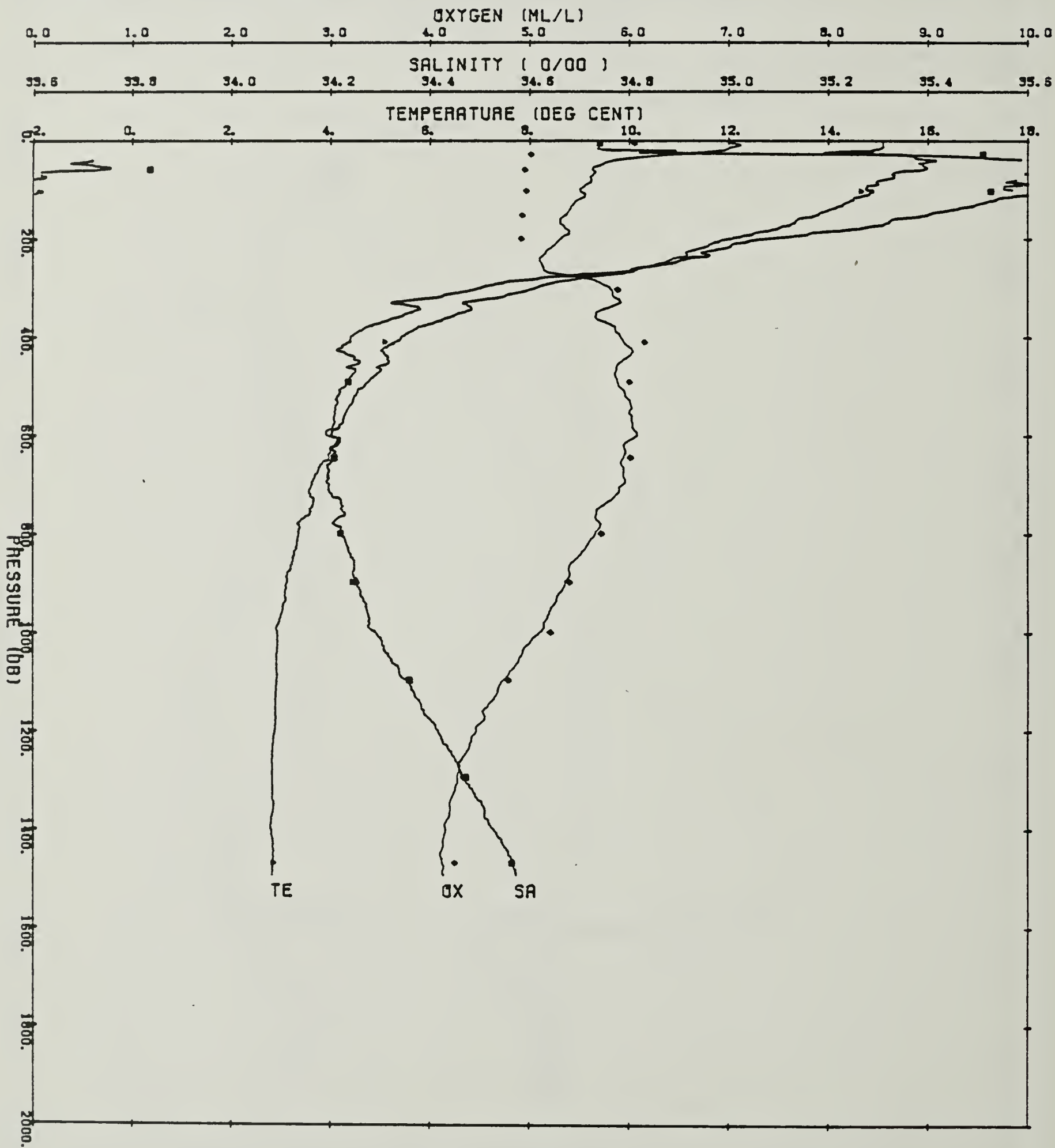
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ST 21



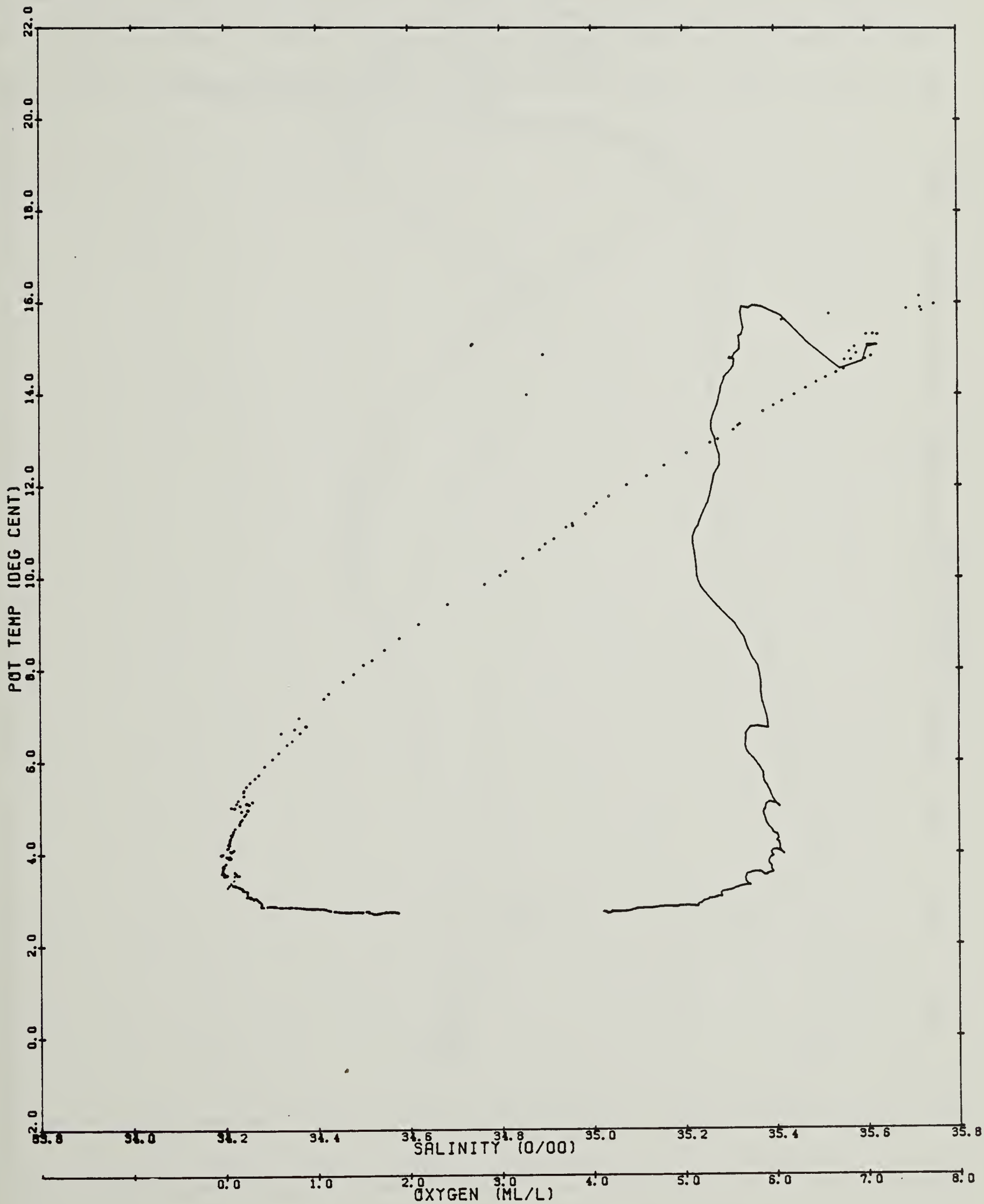
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ST 22



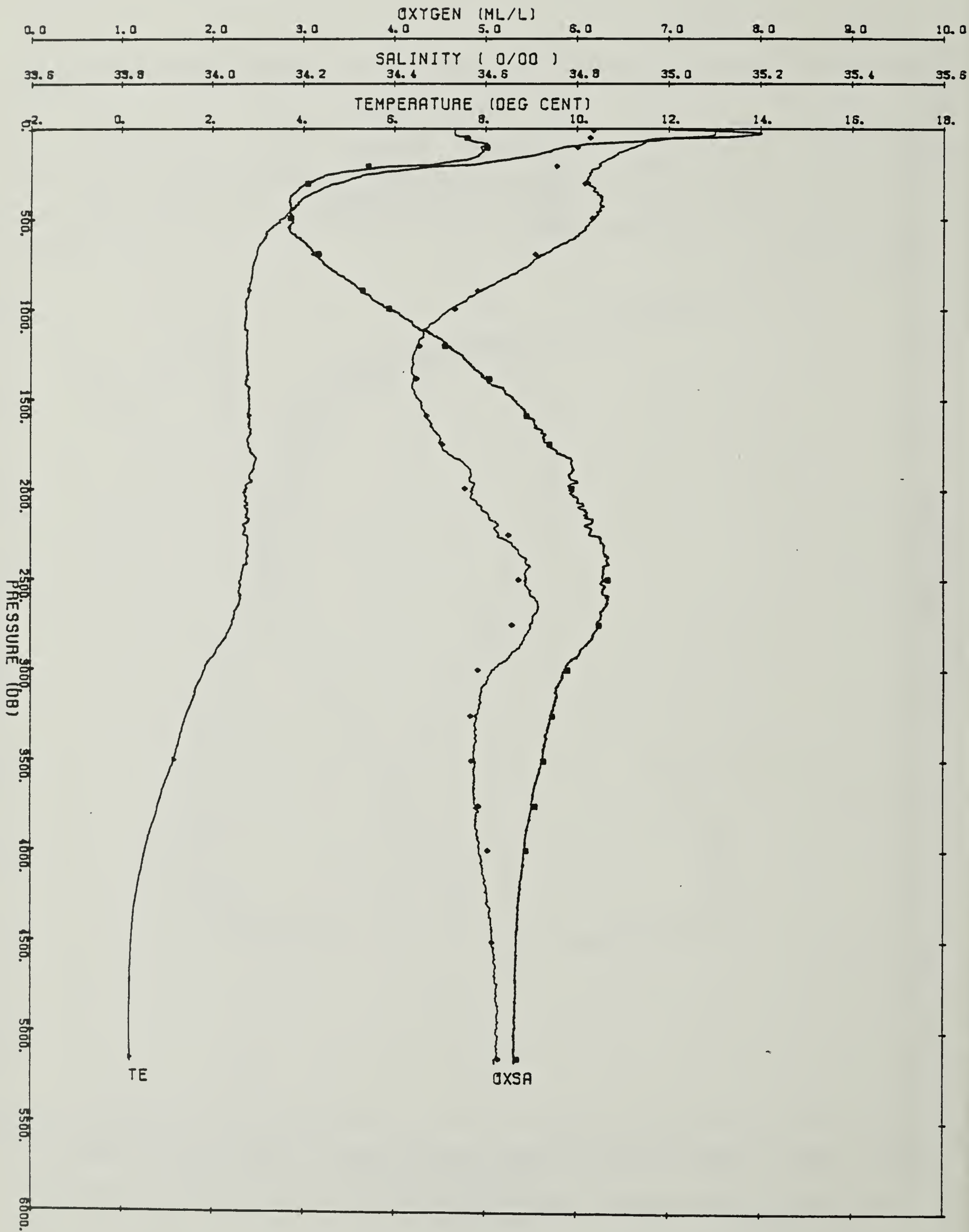
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ST 22



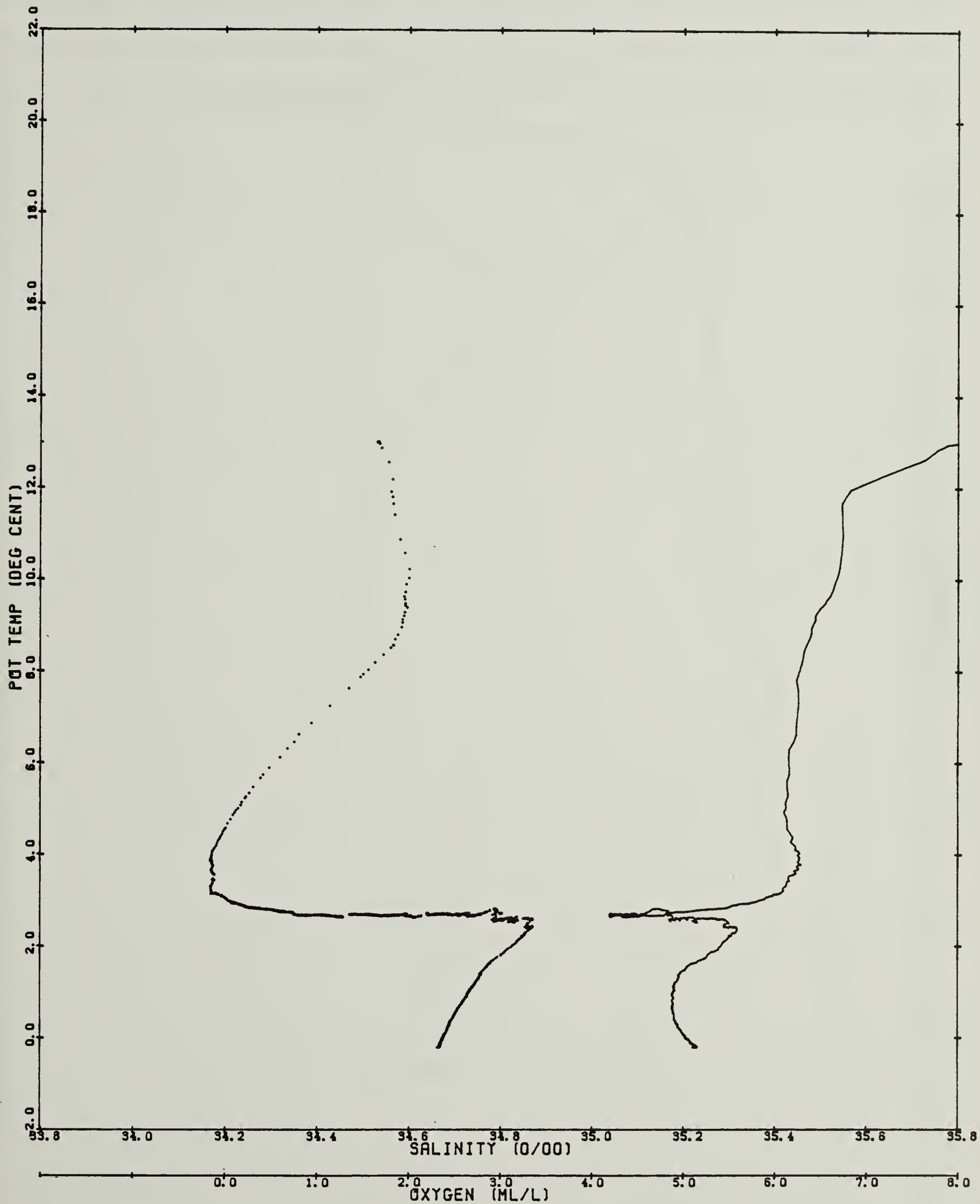
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ST 23



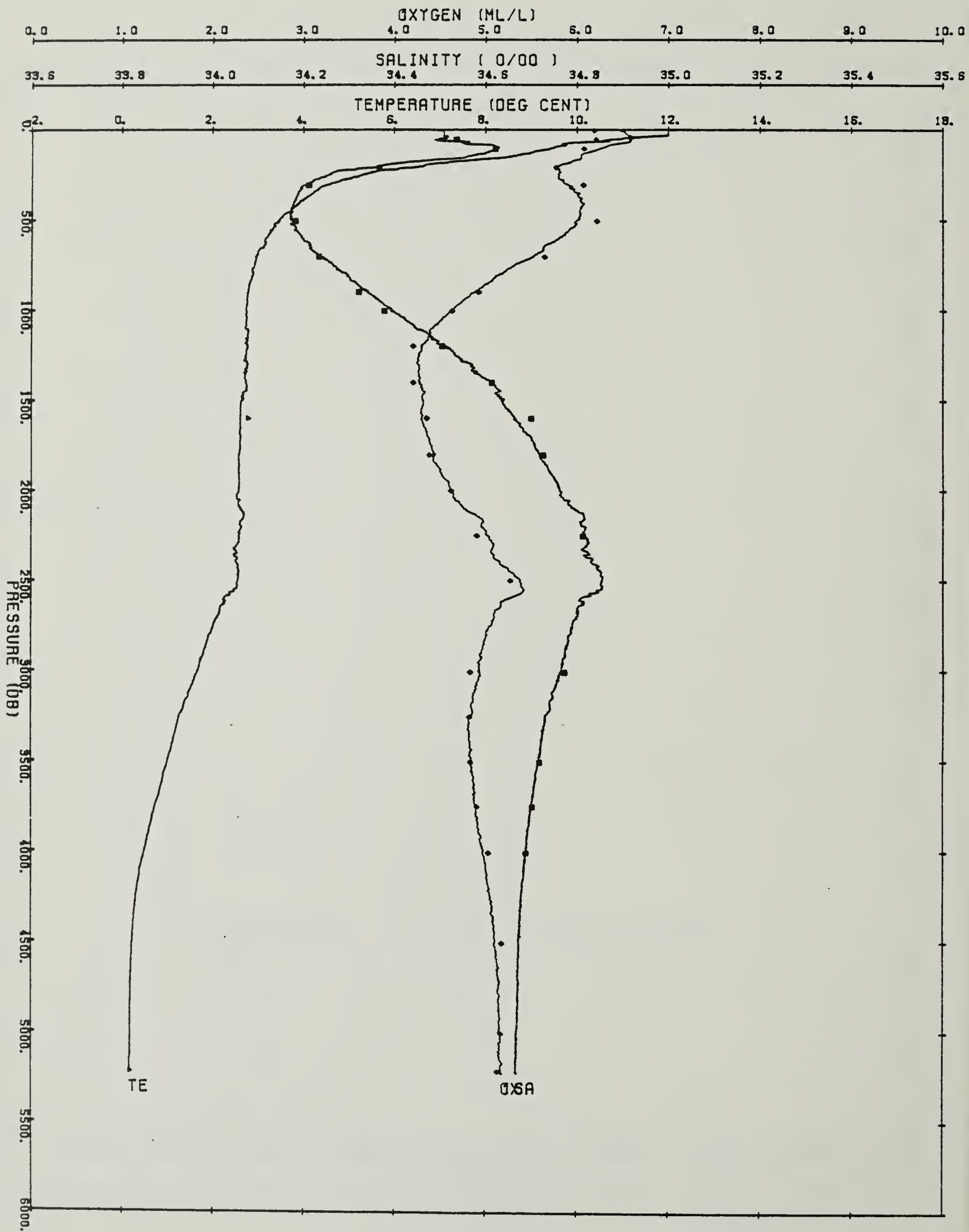
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ST 23



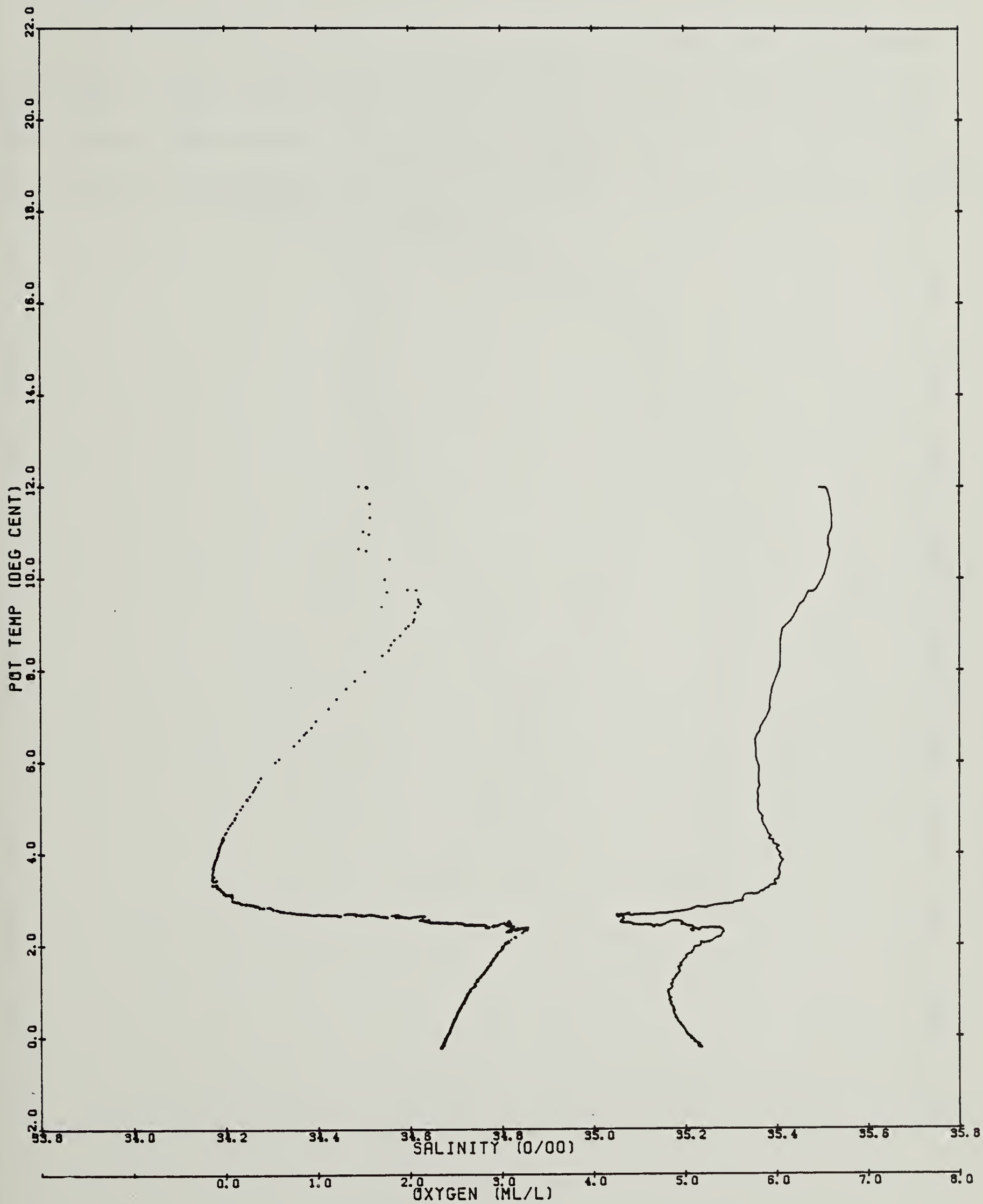
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ST 24



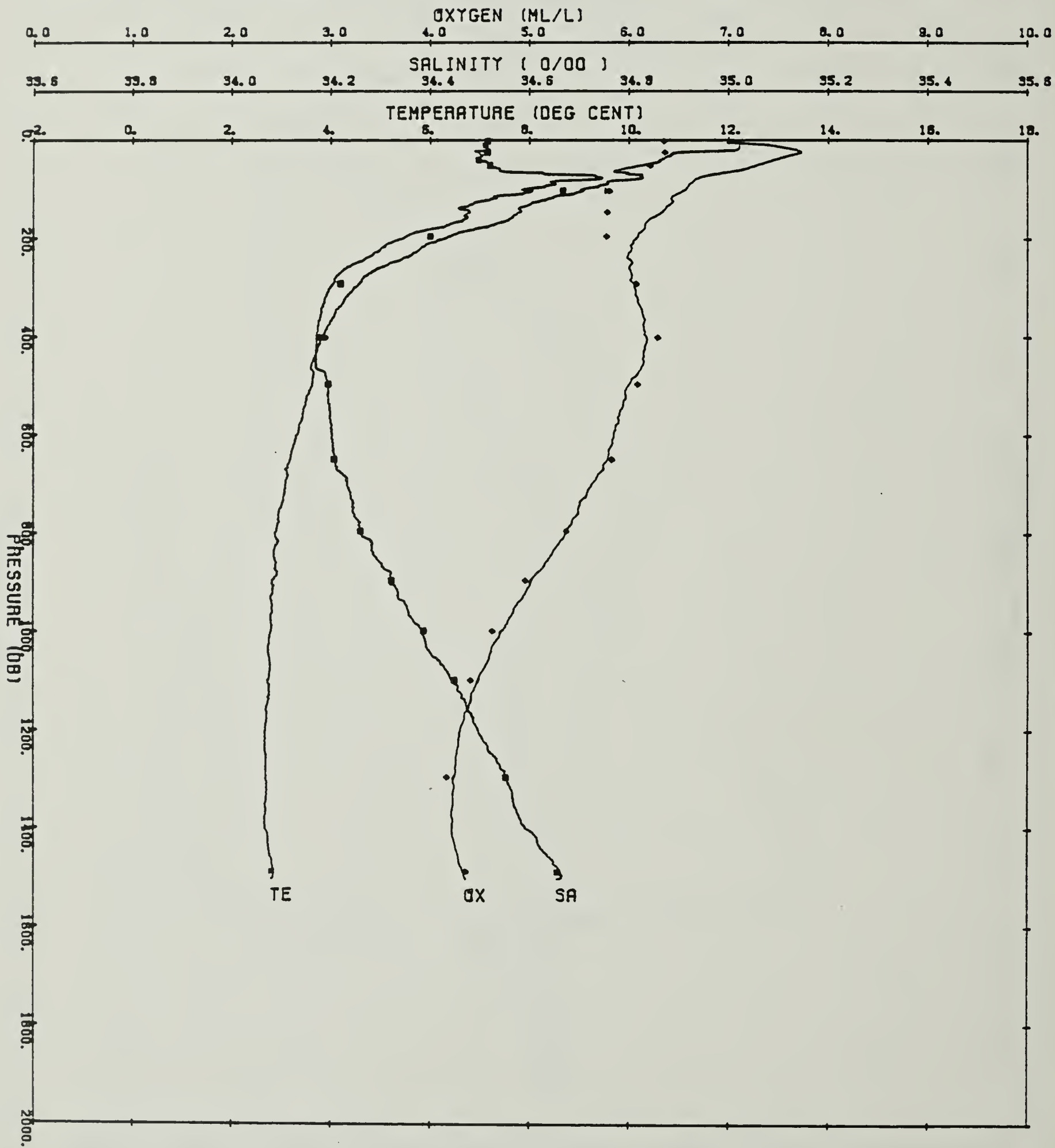
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ST 24



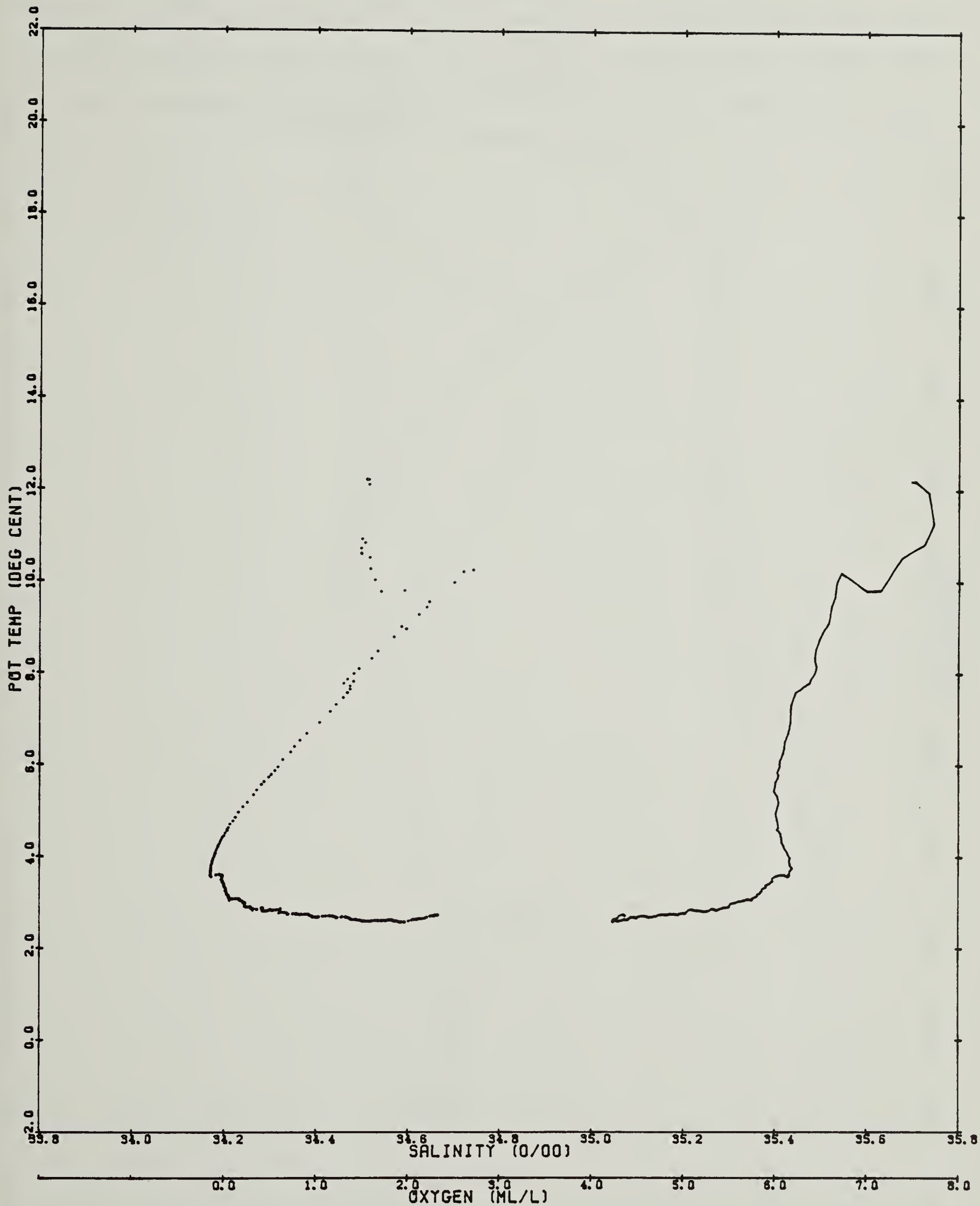
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ST 25



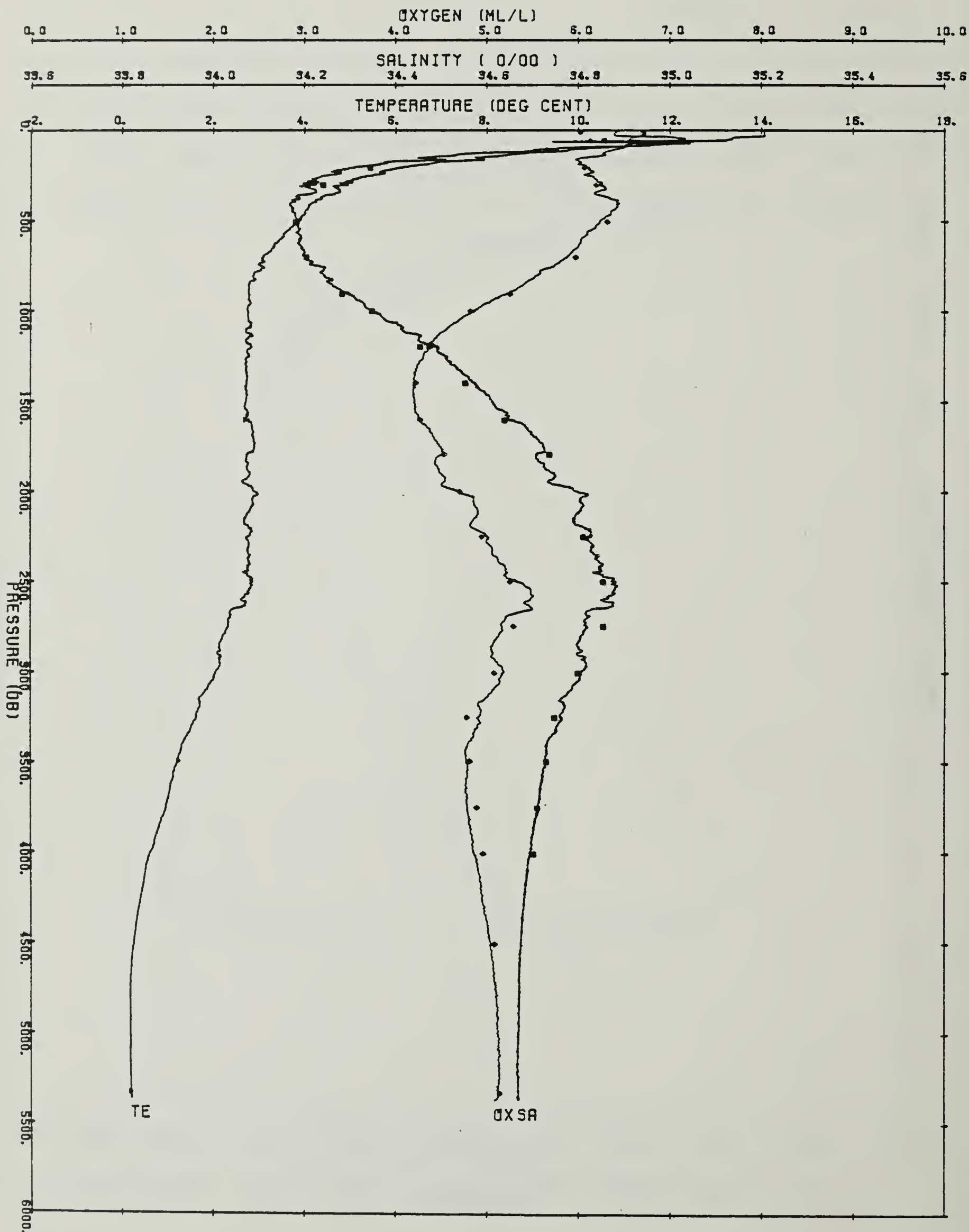
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ST 25



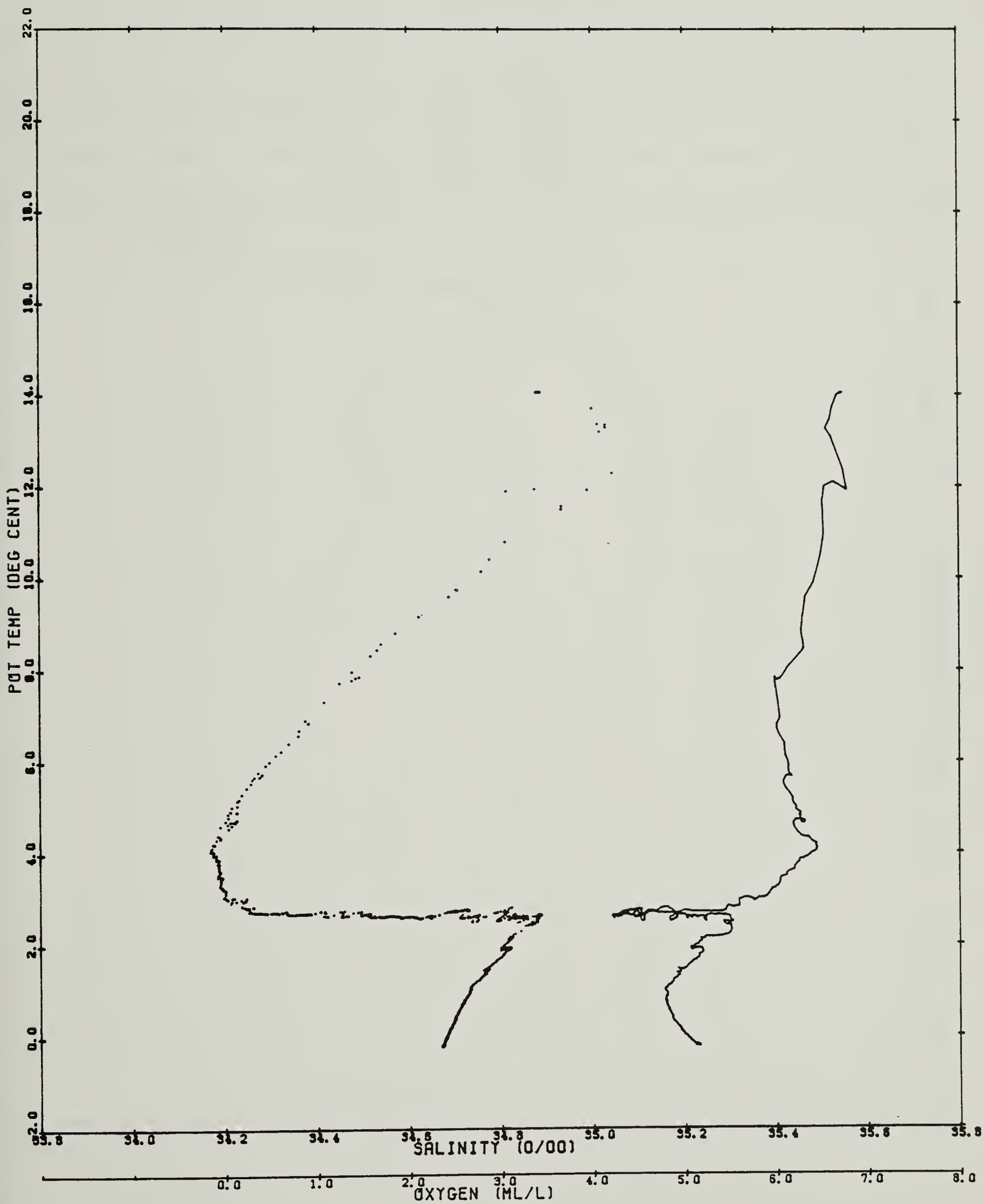
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ST 26



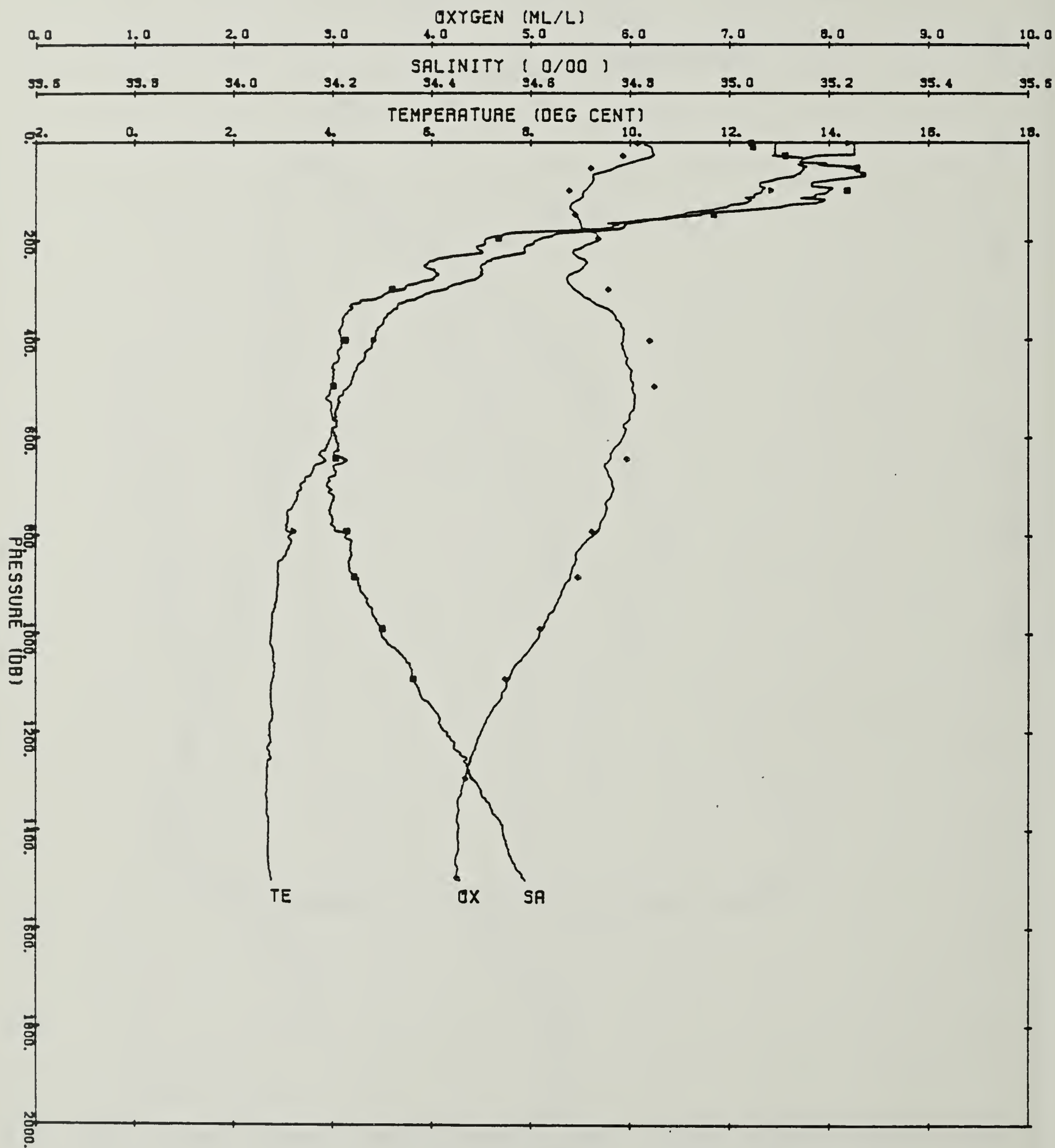
AT107

ST 26



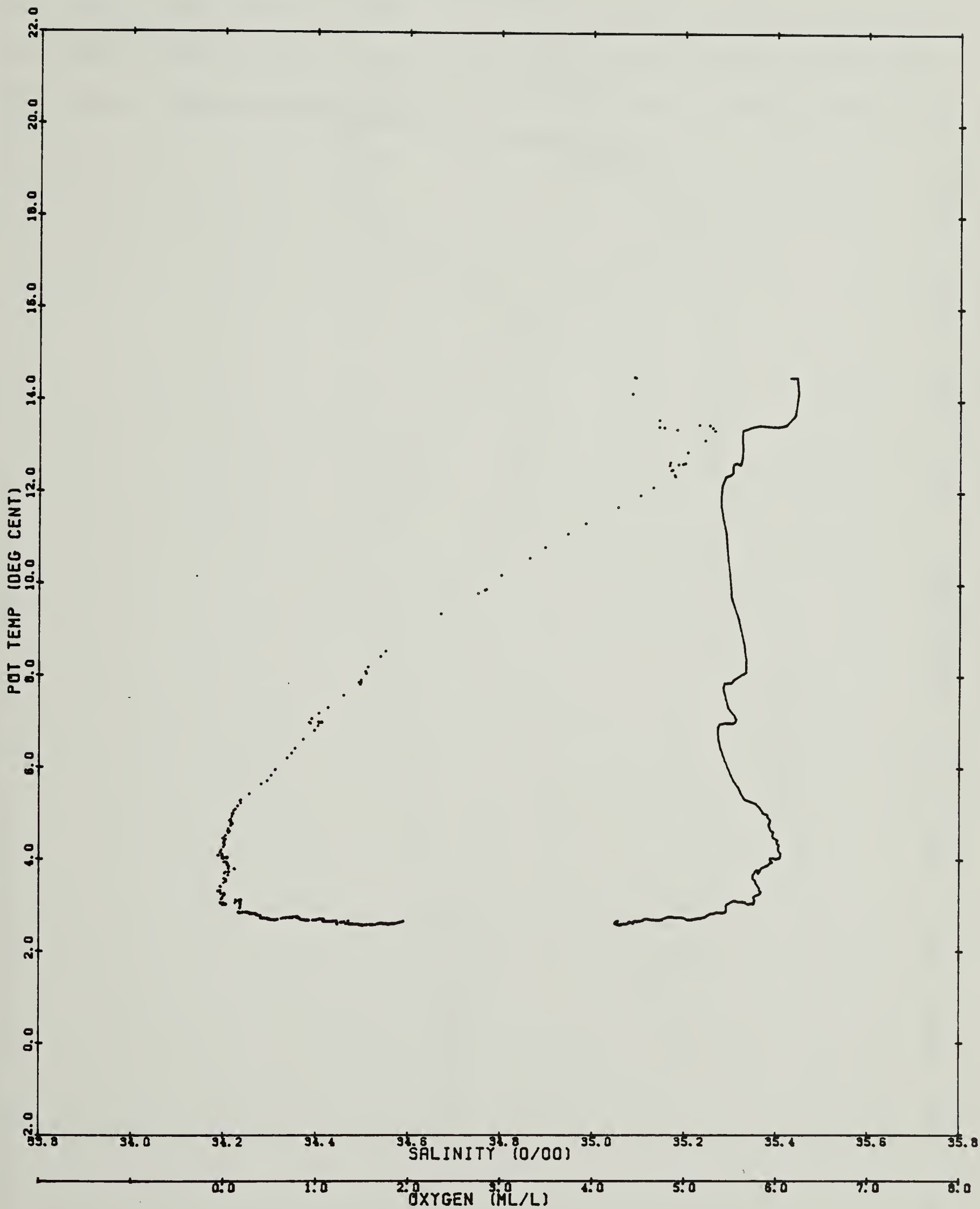
AT107

ST 27



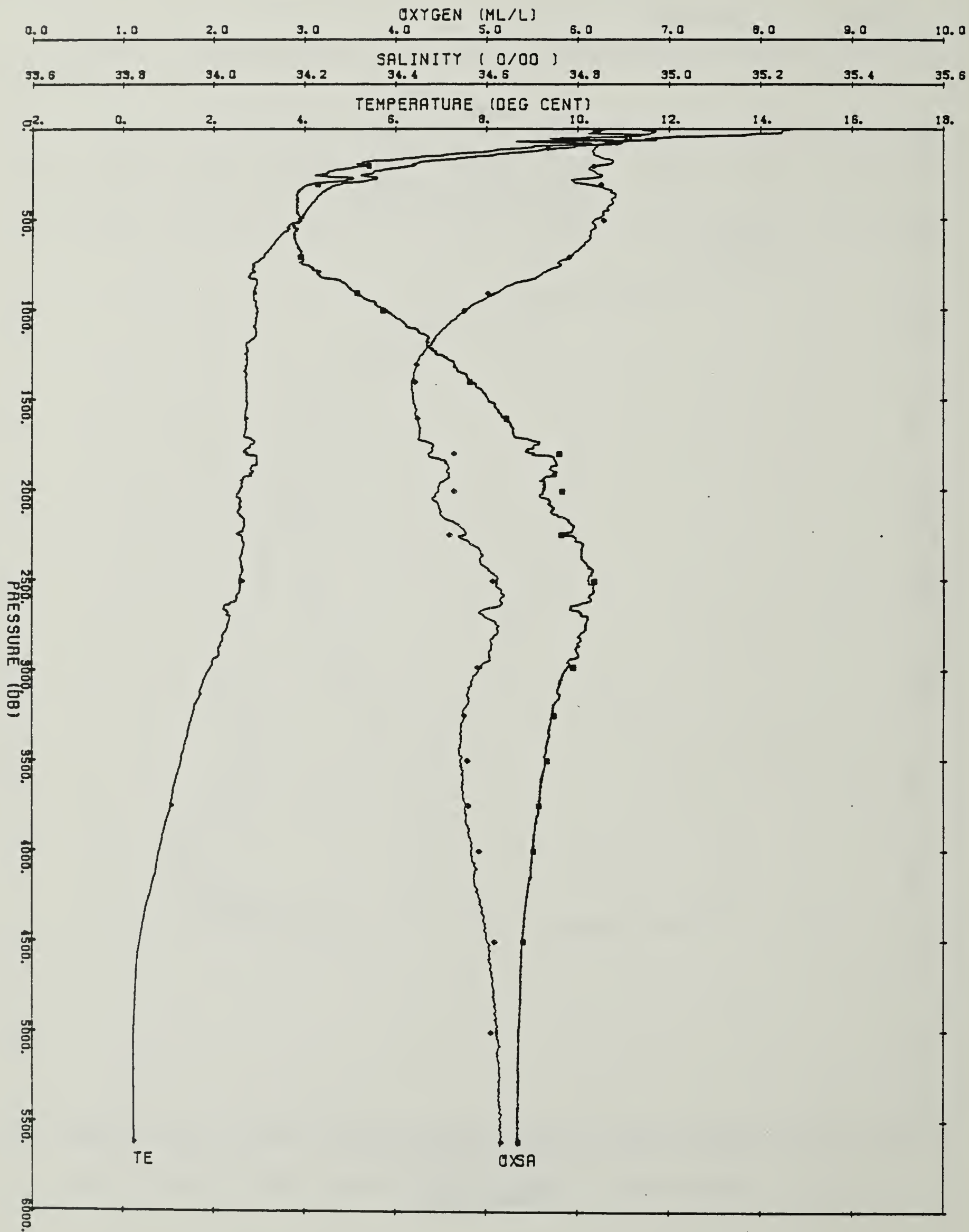
AT107

ST 27



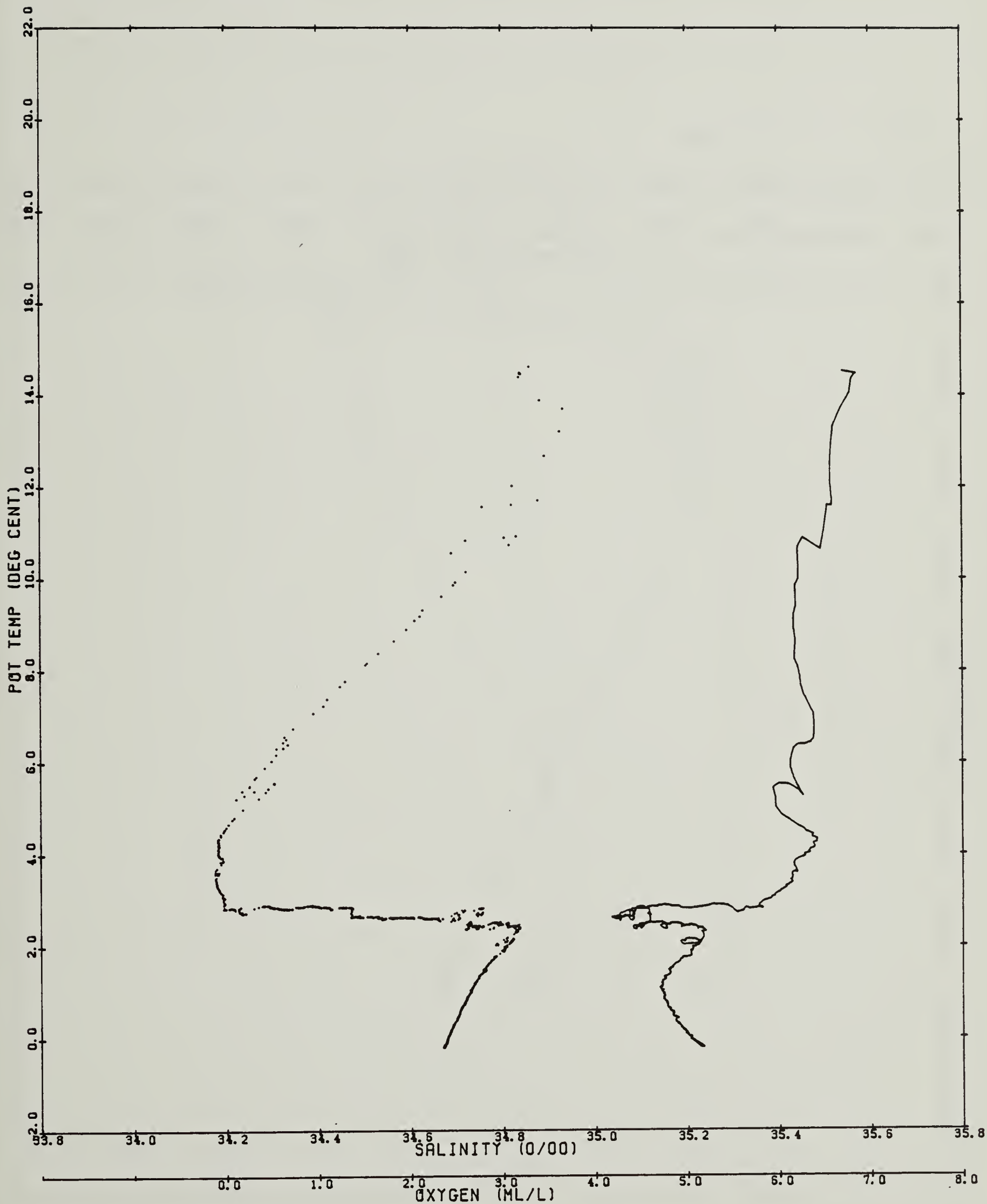
AT107

ST 28



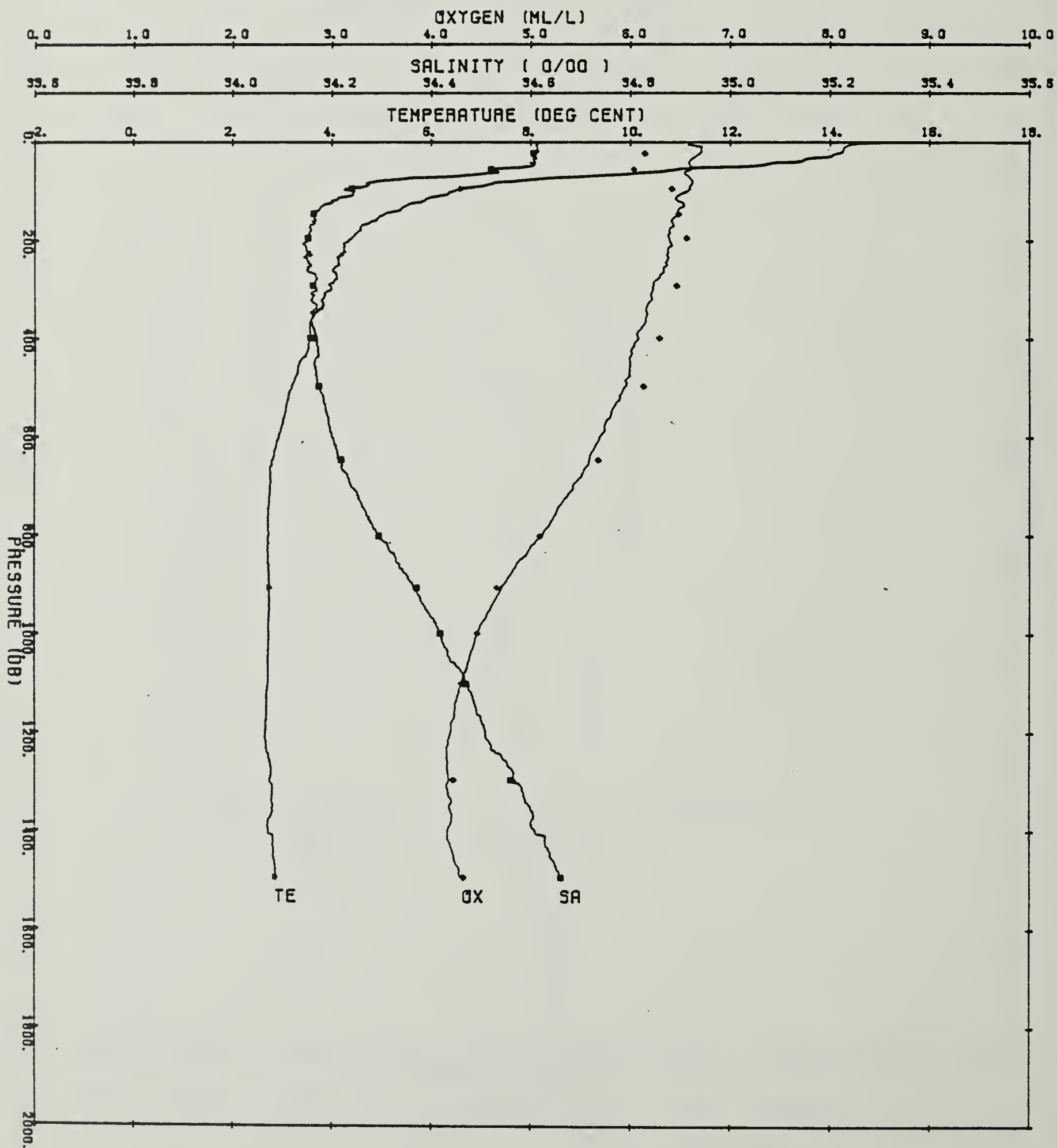
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ST 28



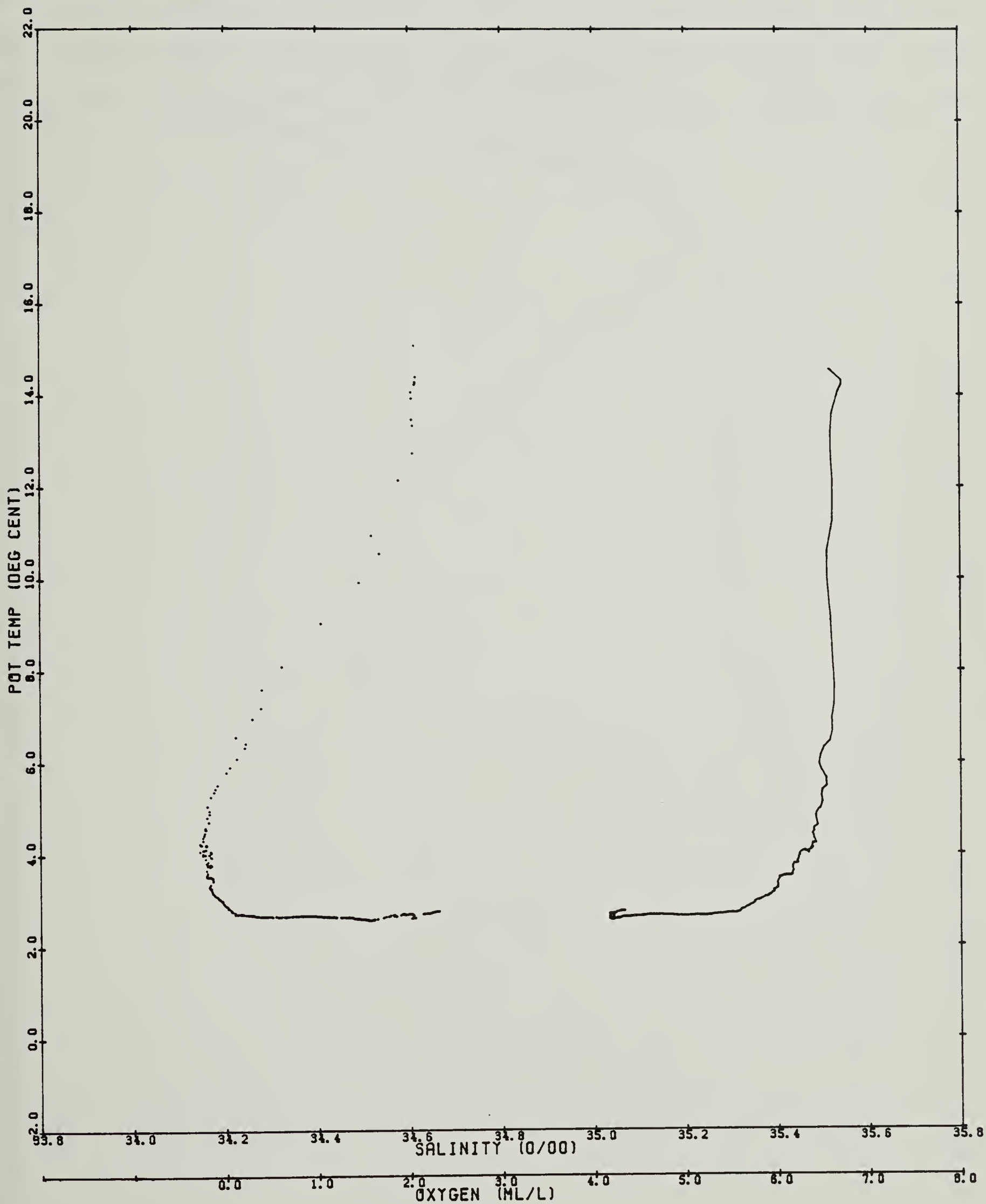
AT107

ST 29



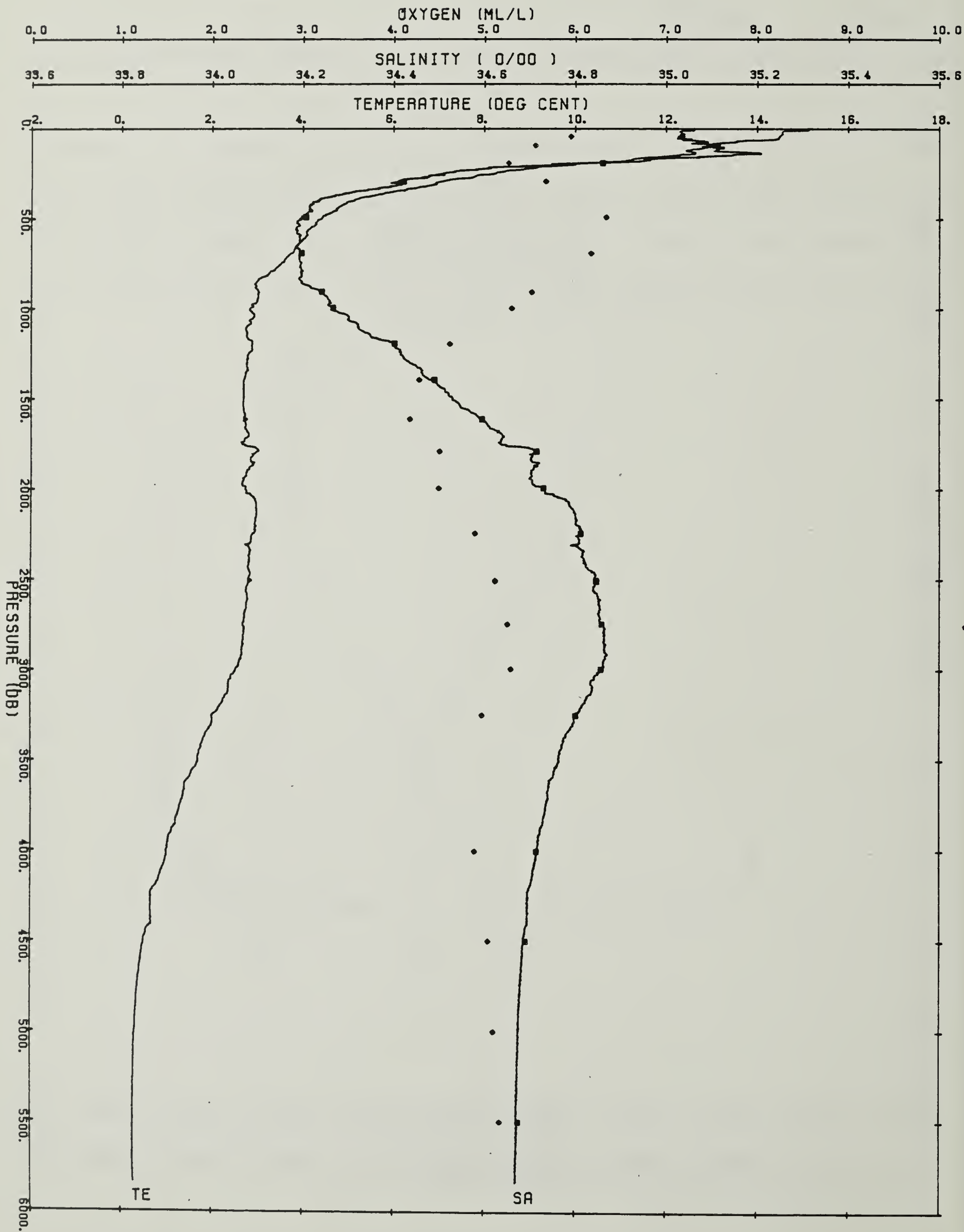
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ST 29

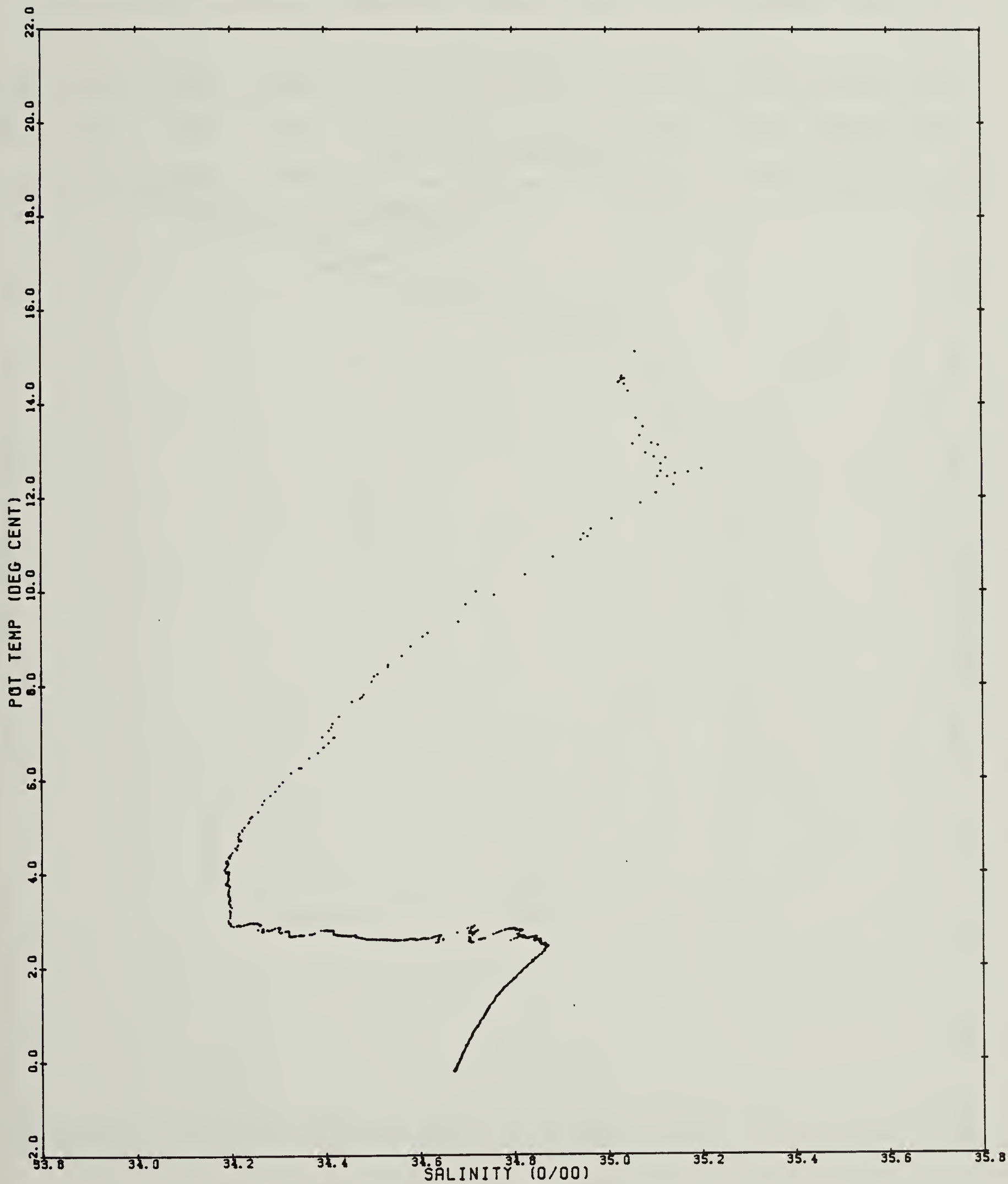


AT107

ST 30

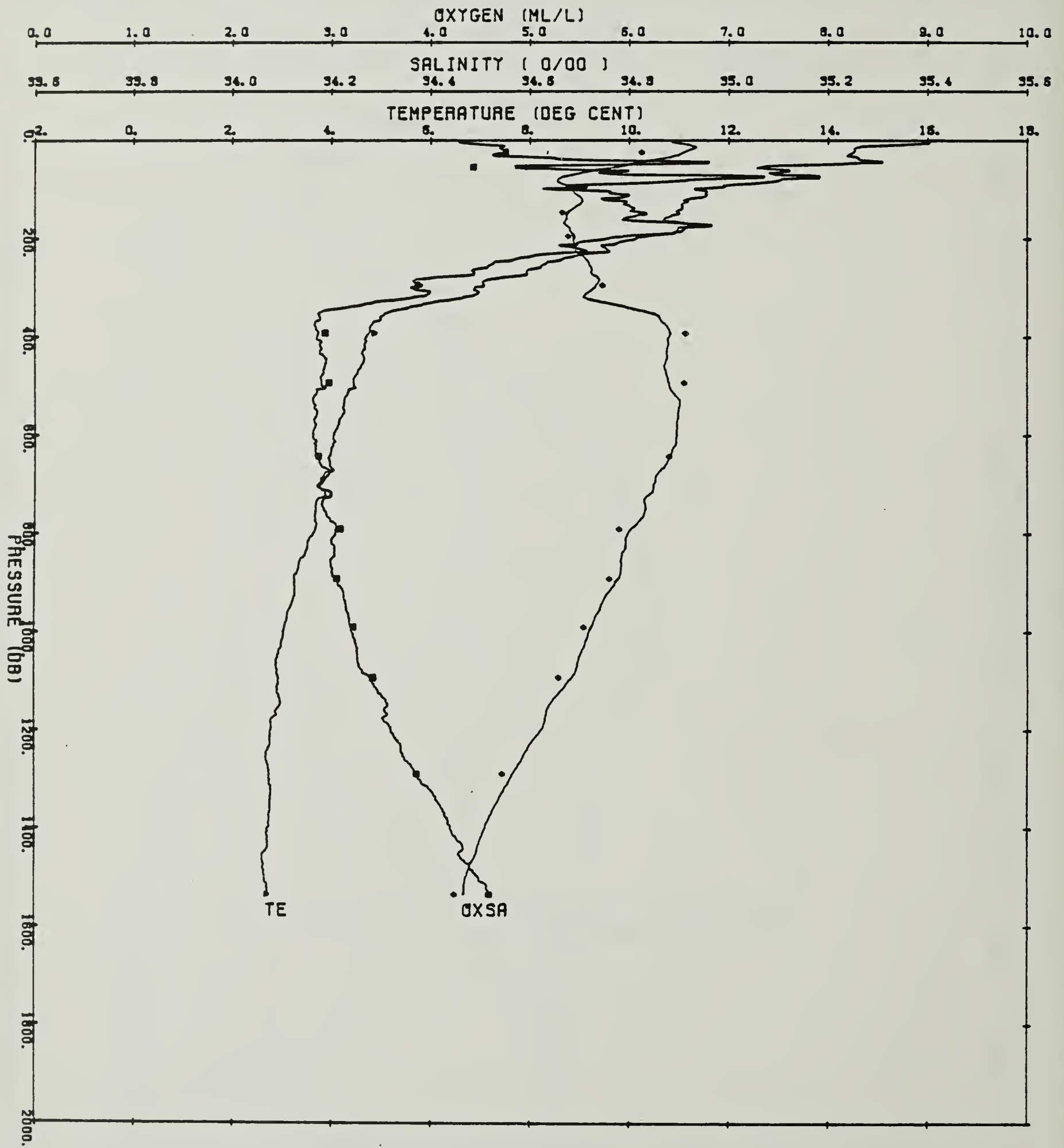


ST 30



AT107

ST 31



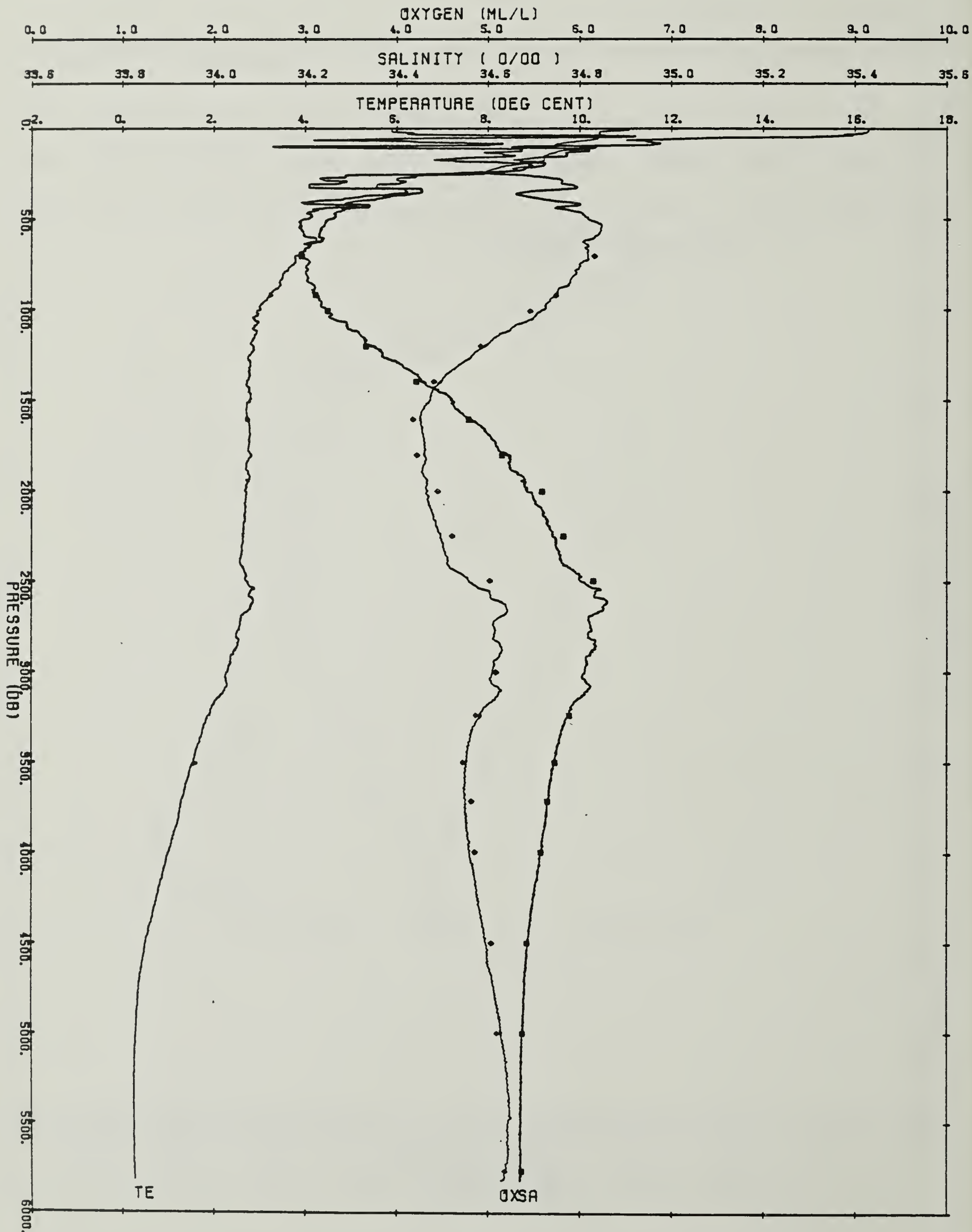
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ST 31



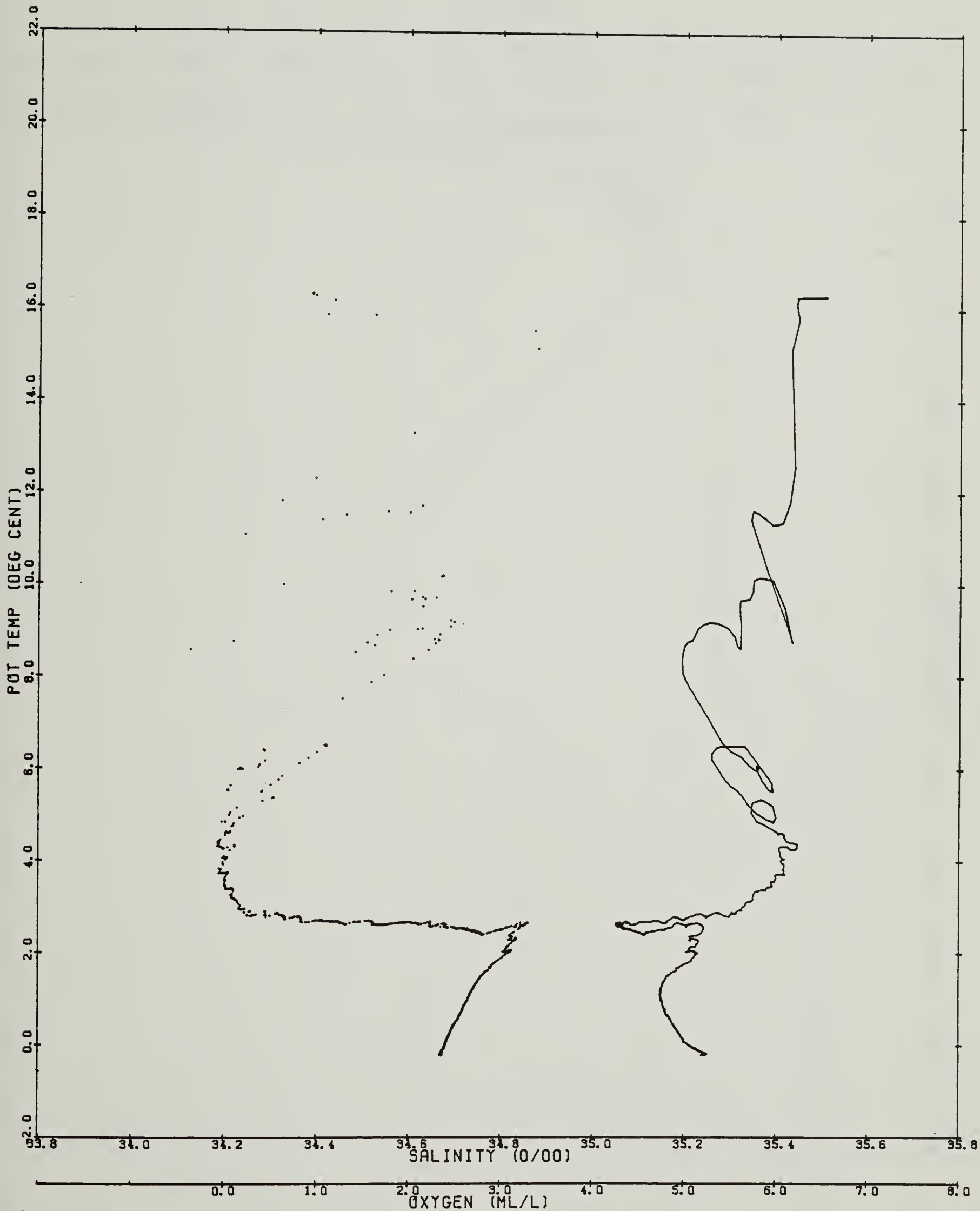
AT107

ST 32



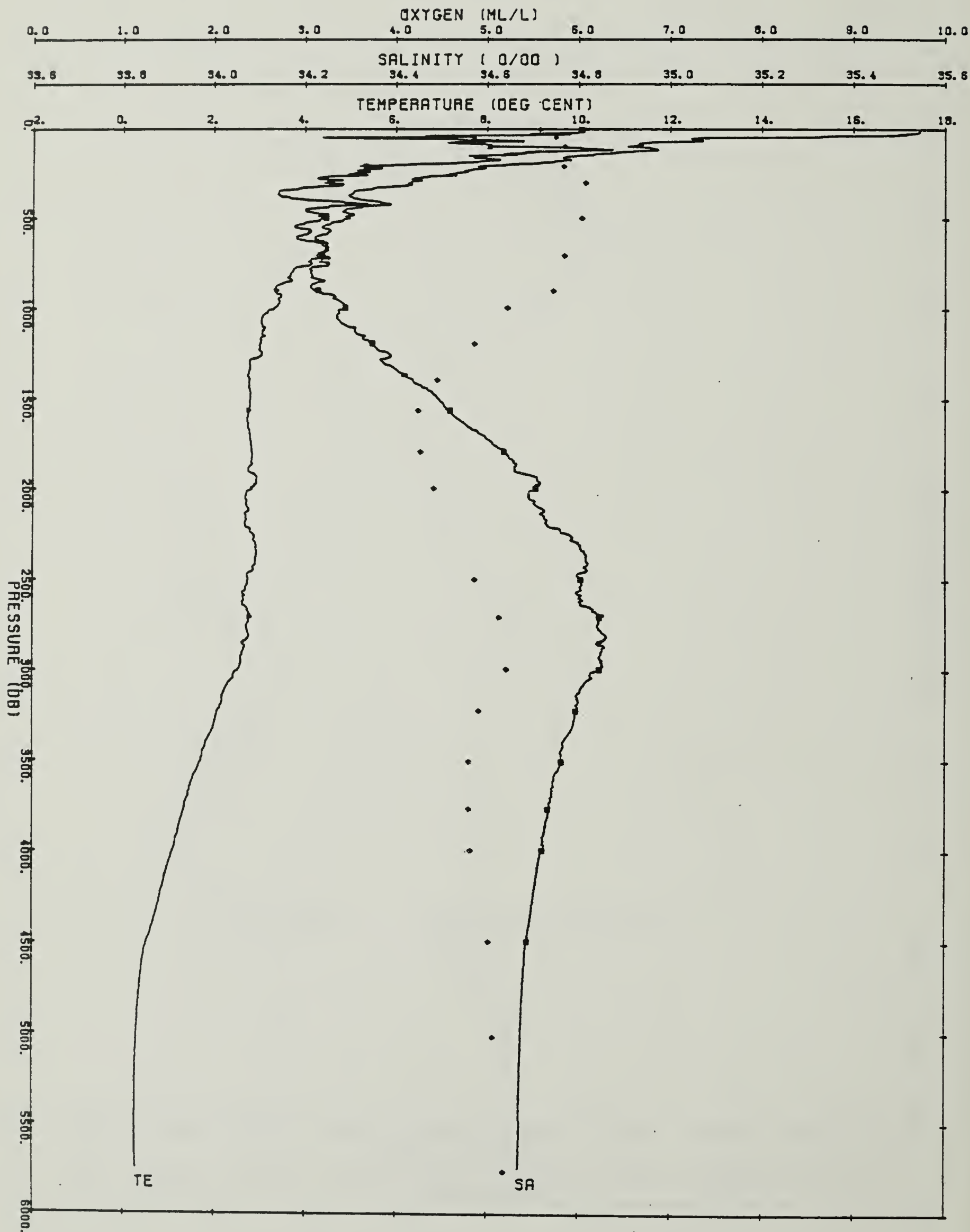
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ST 32



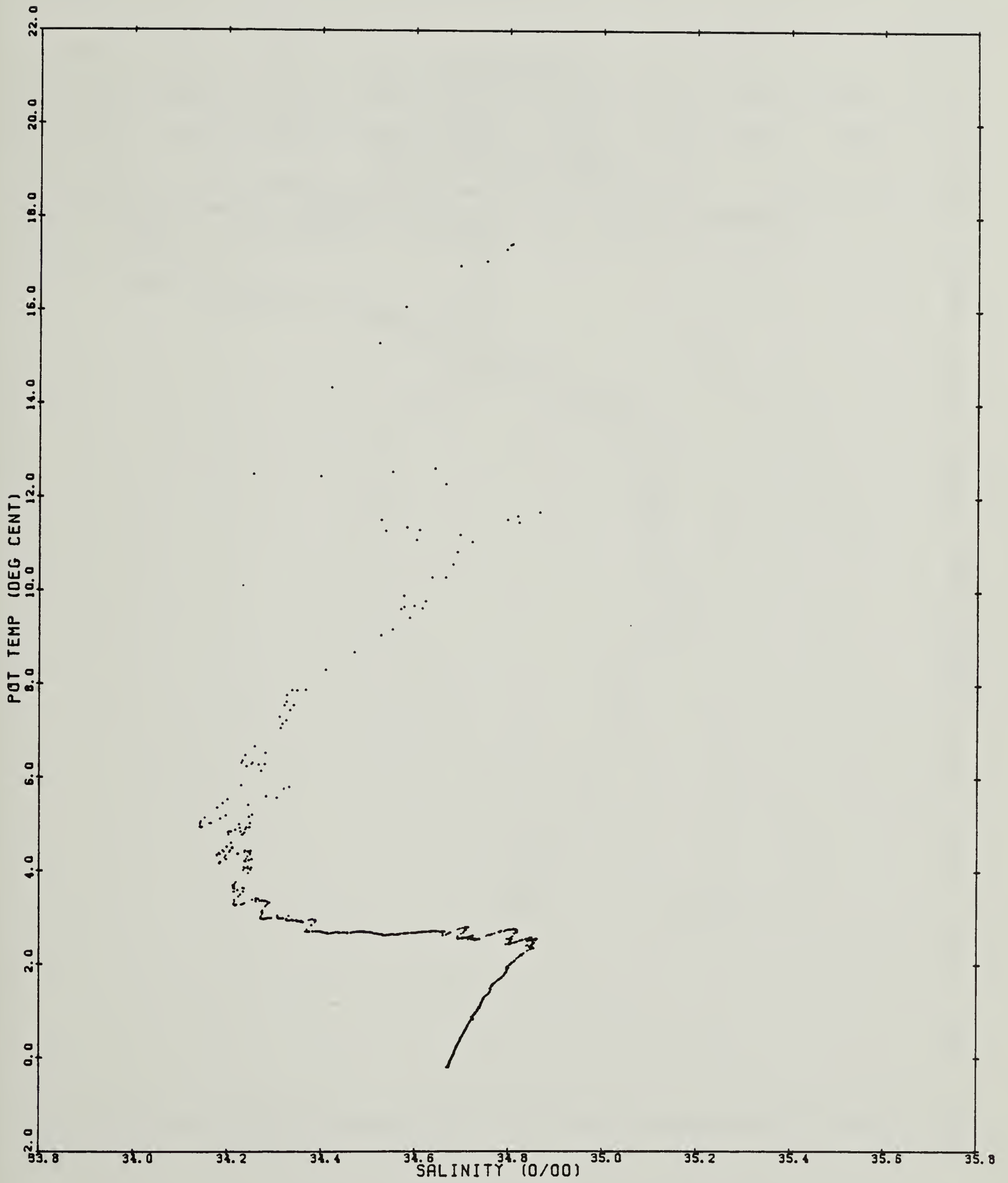
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ST 33



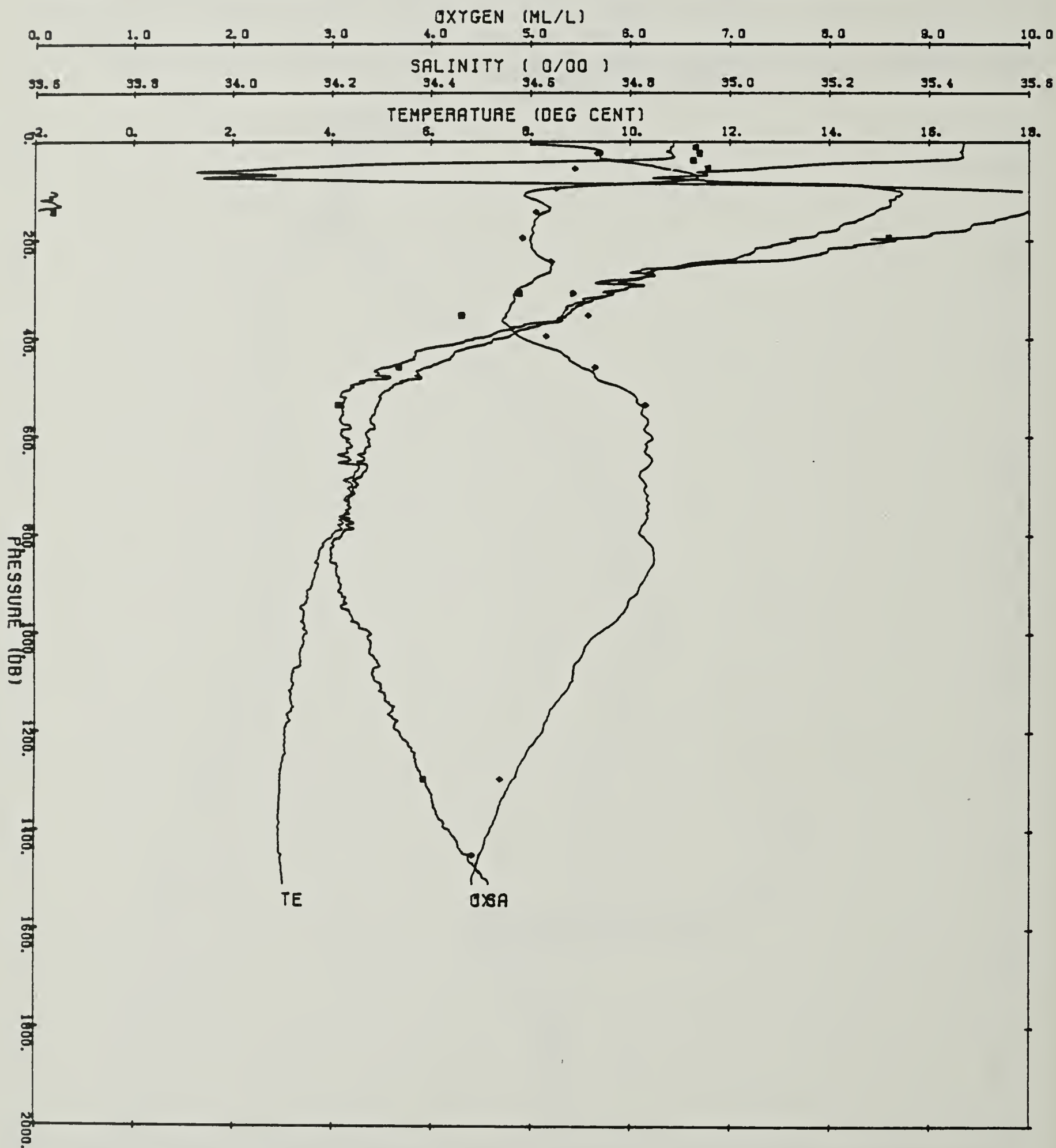
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ST 33



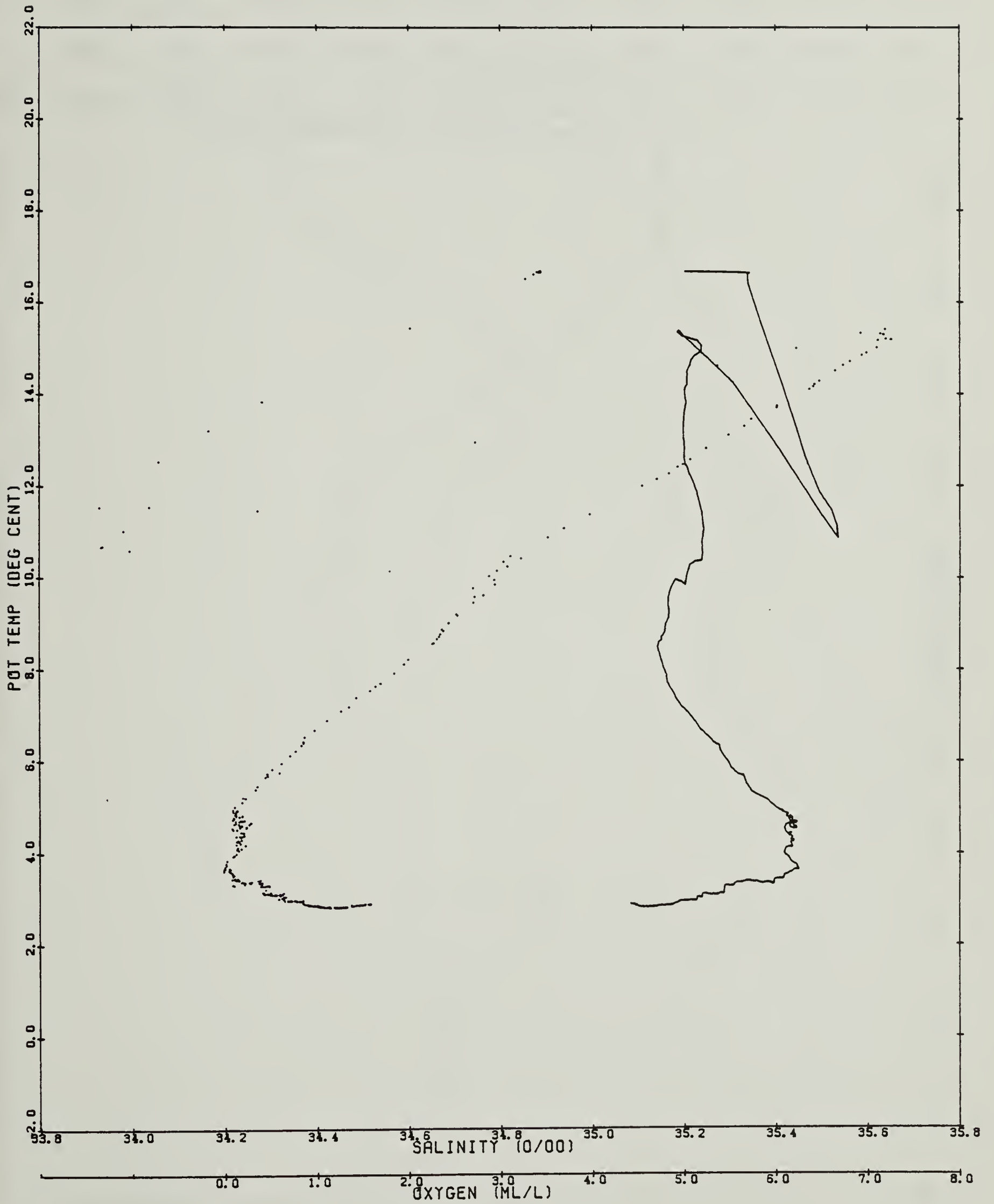
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ST 34



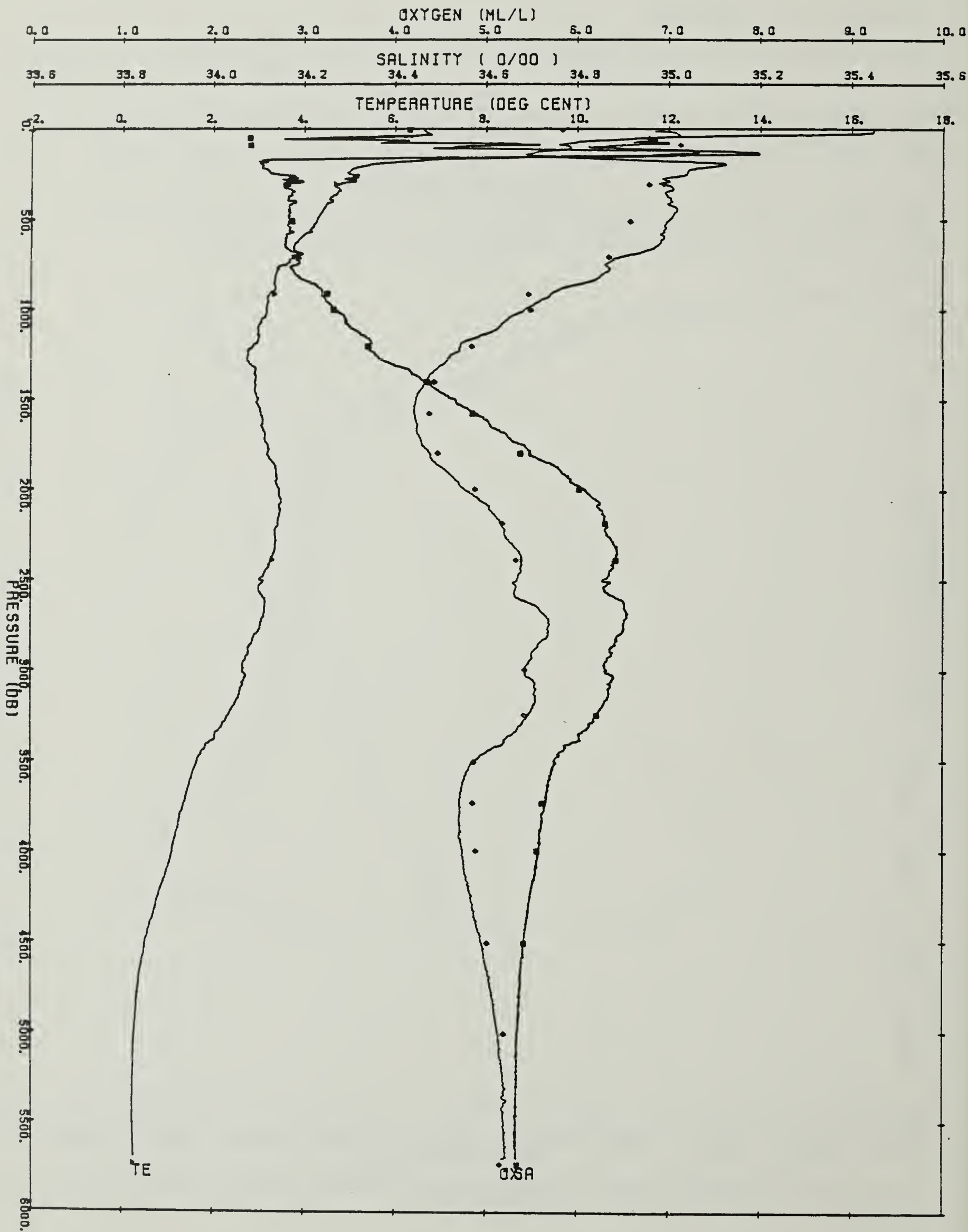
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ST 34



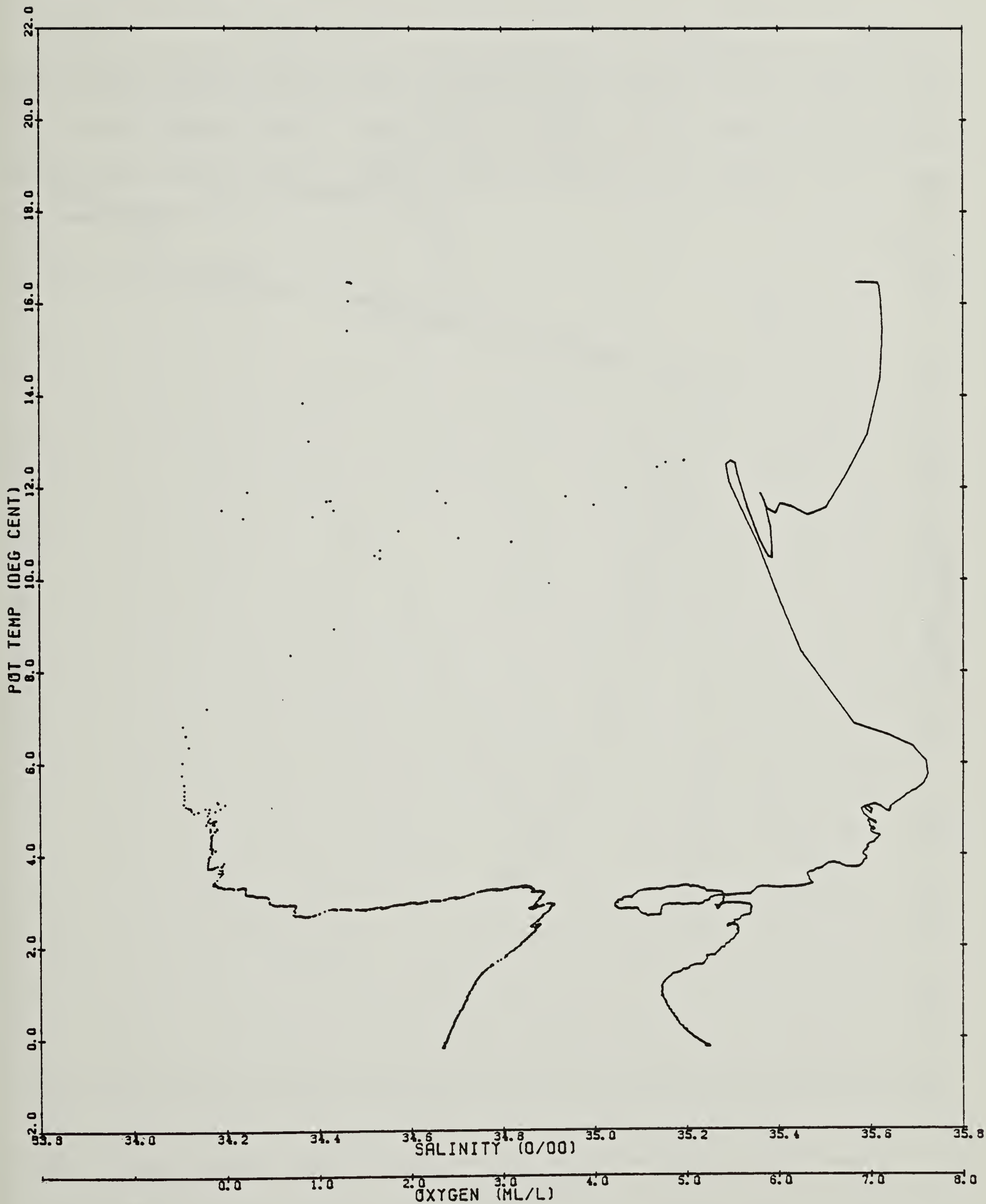
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ST 35



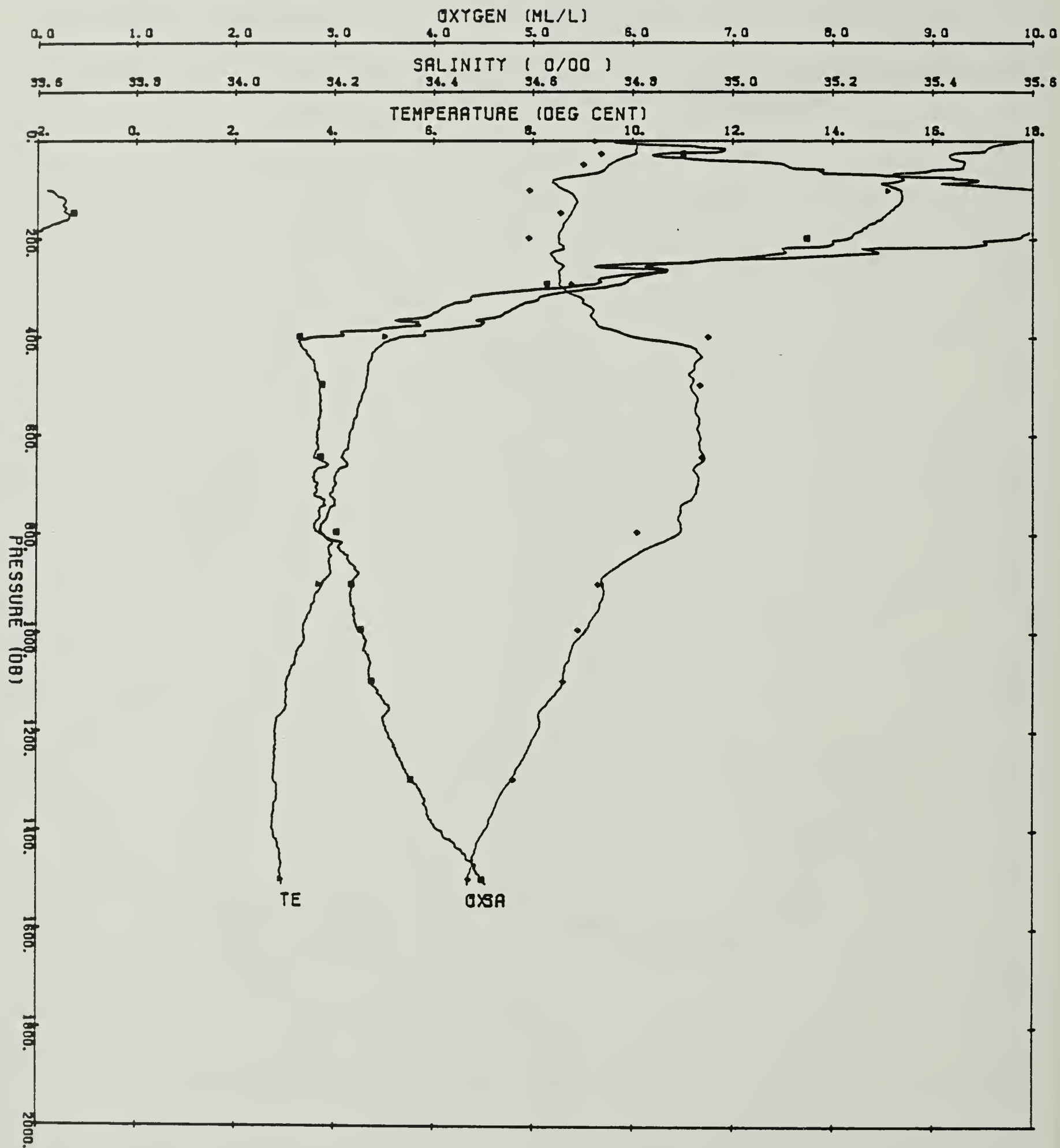
AT107

ST 35



AT107

ST 36



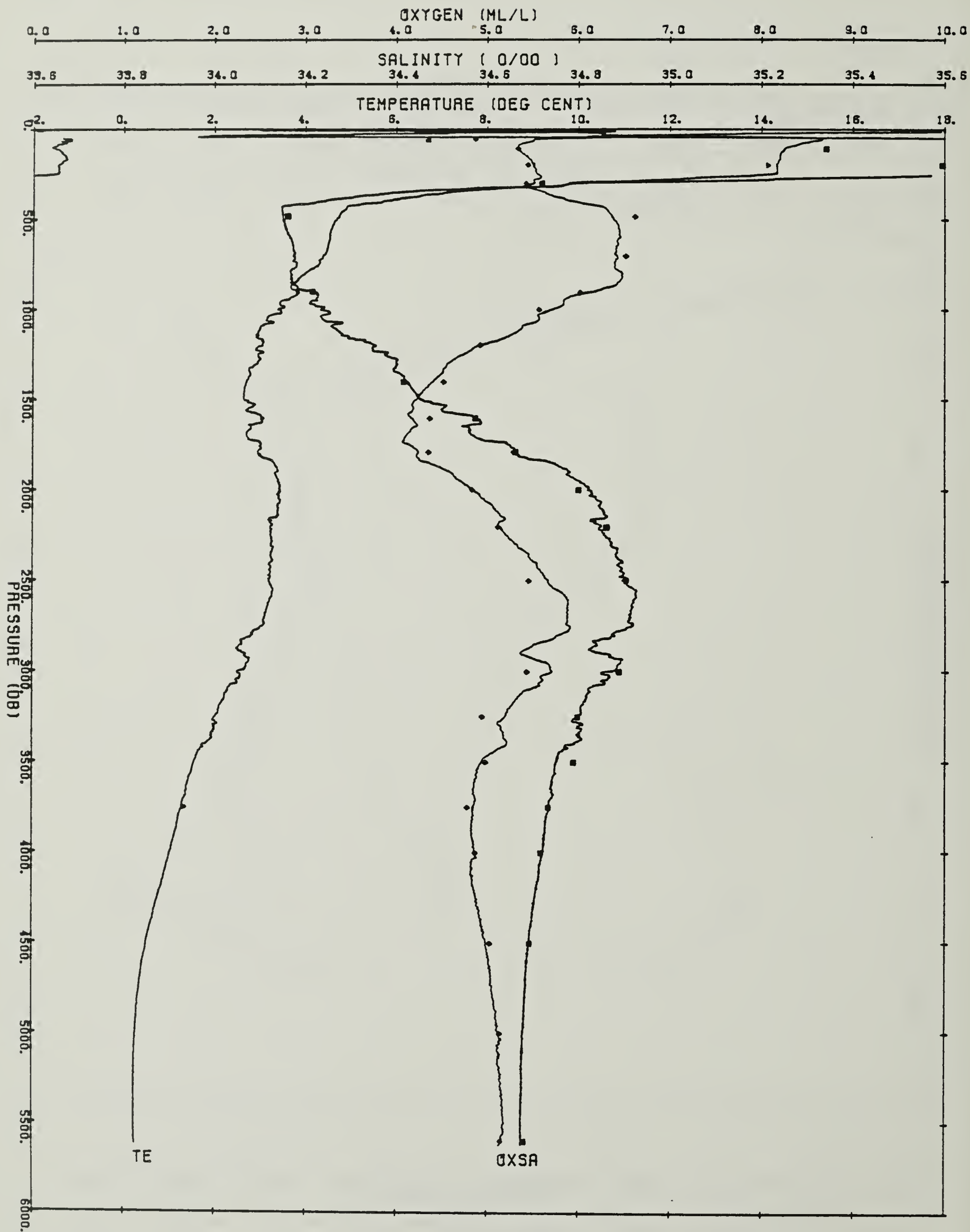
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ST 36



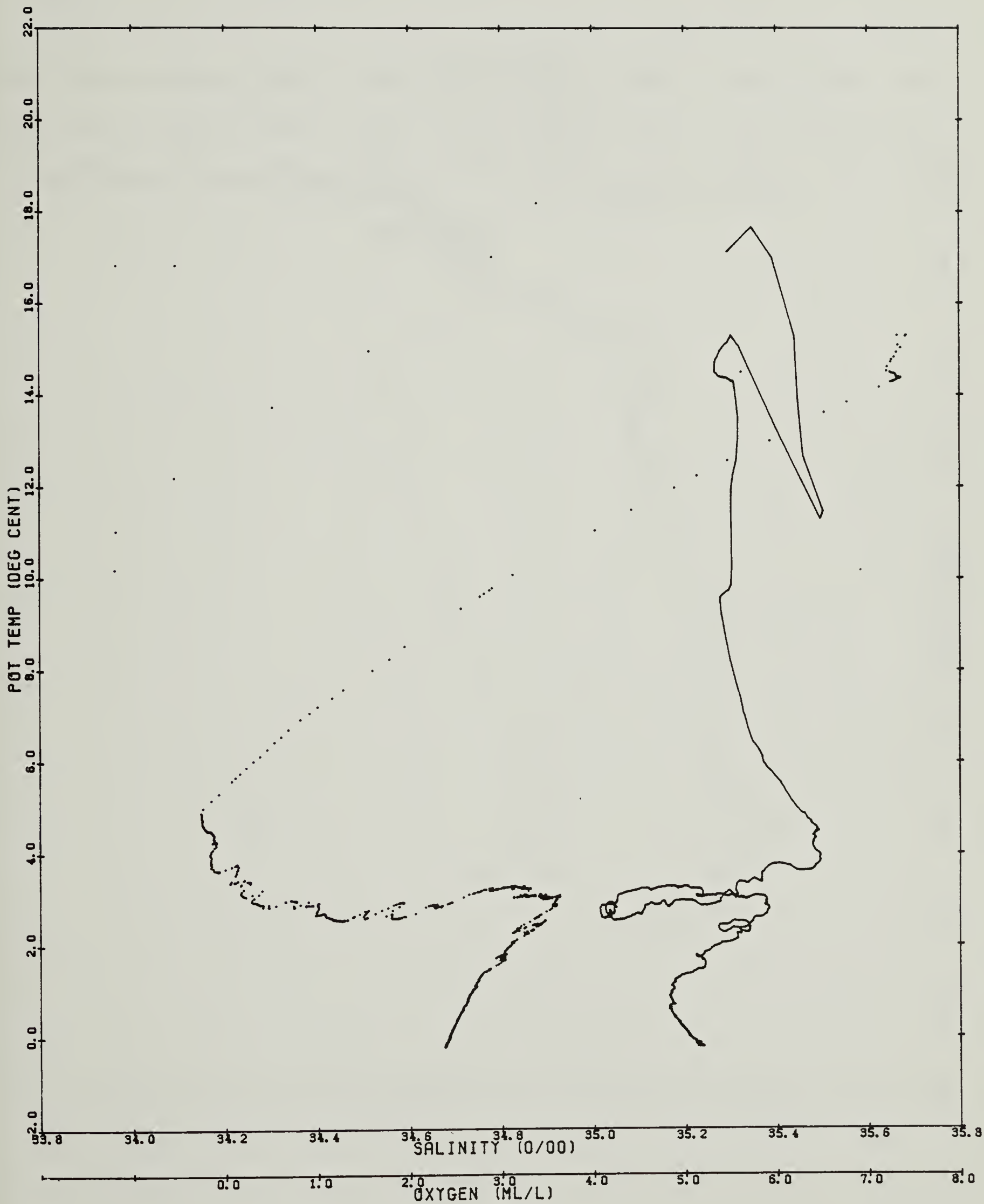
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ST 37



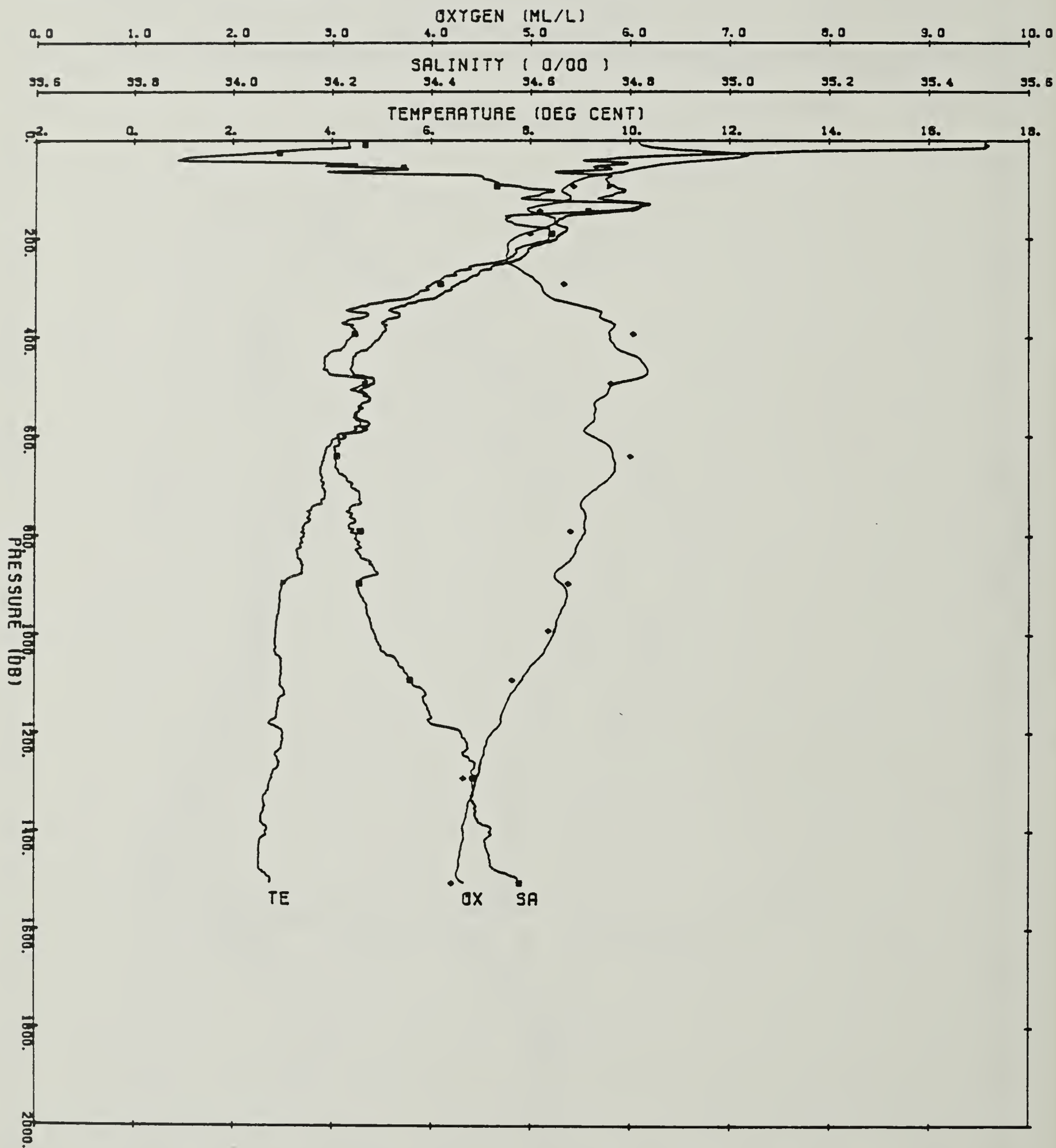
AT107

ST 37



AT107

ST 38



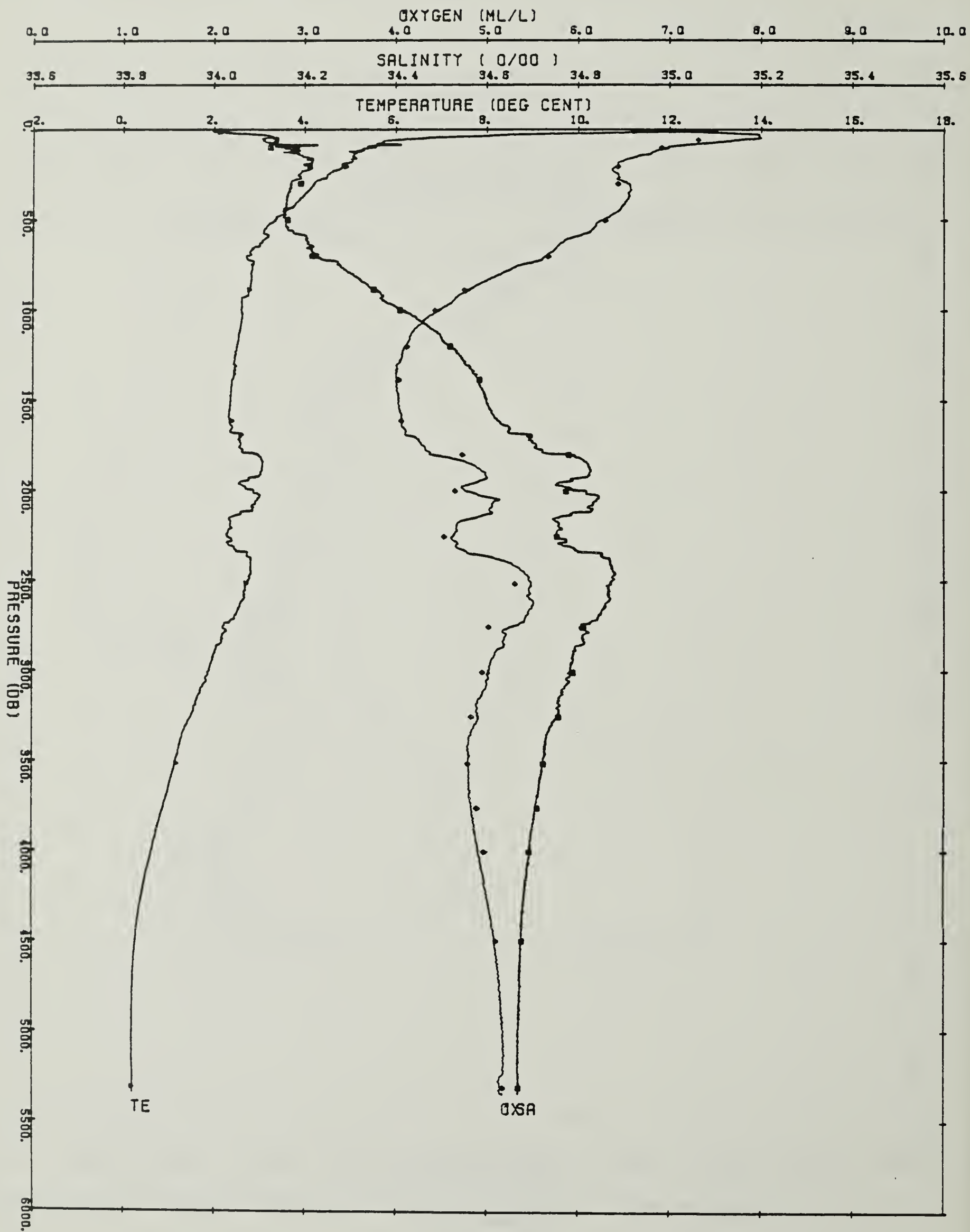
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ST 38



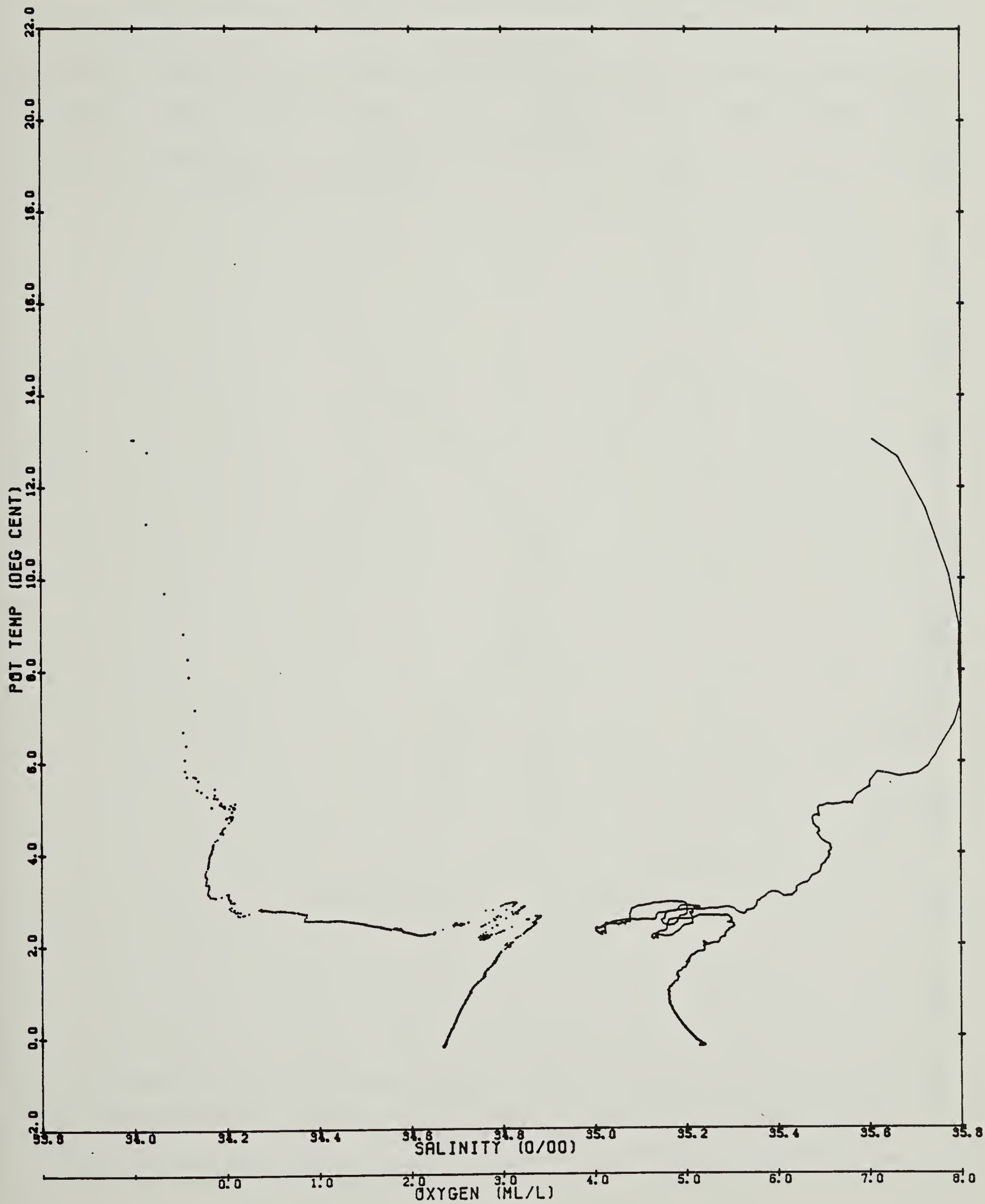
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ST 39



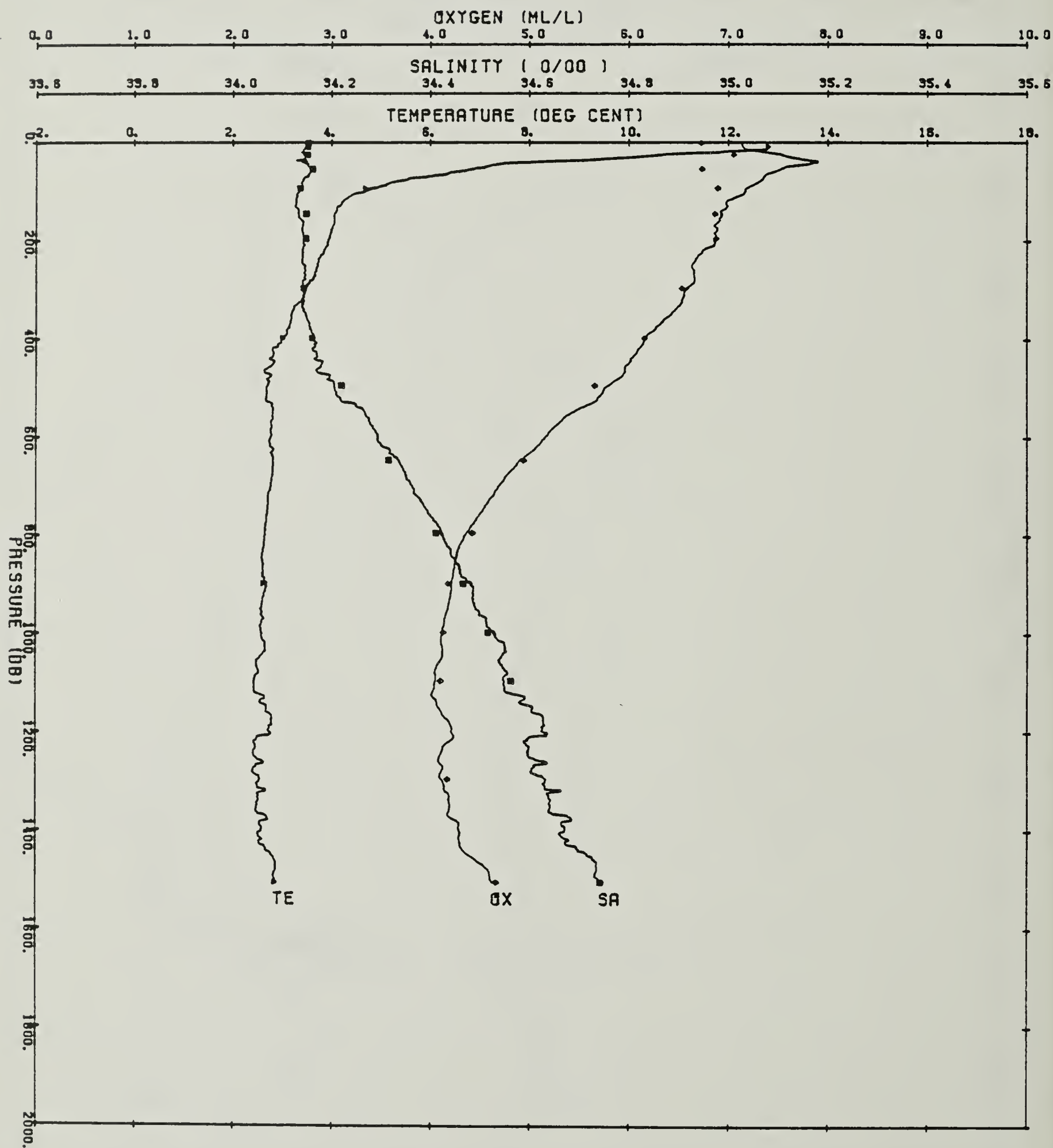
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ST 39



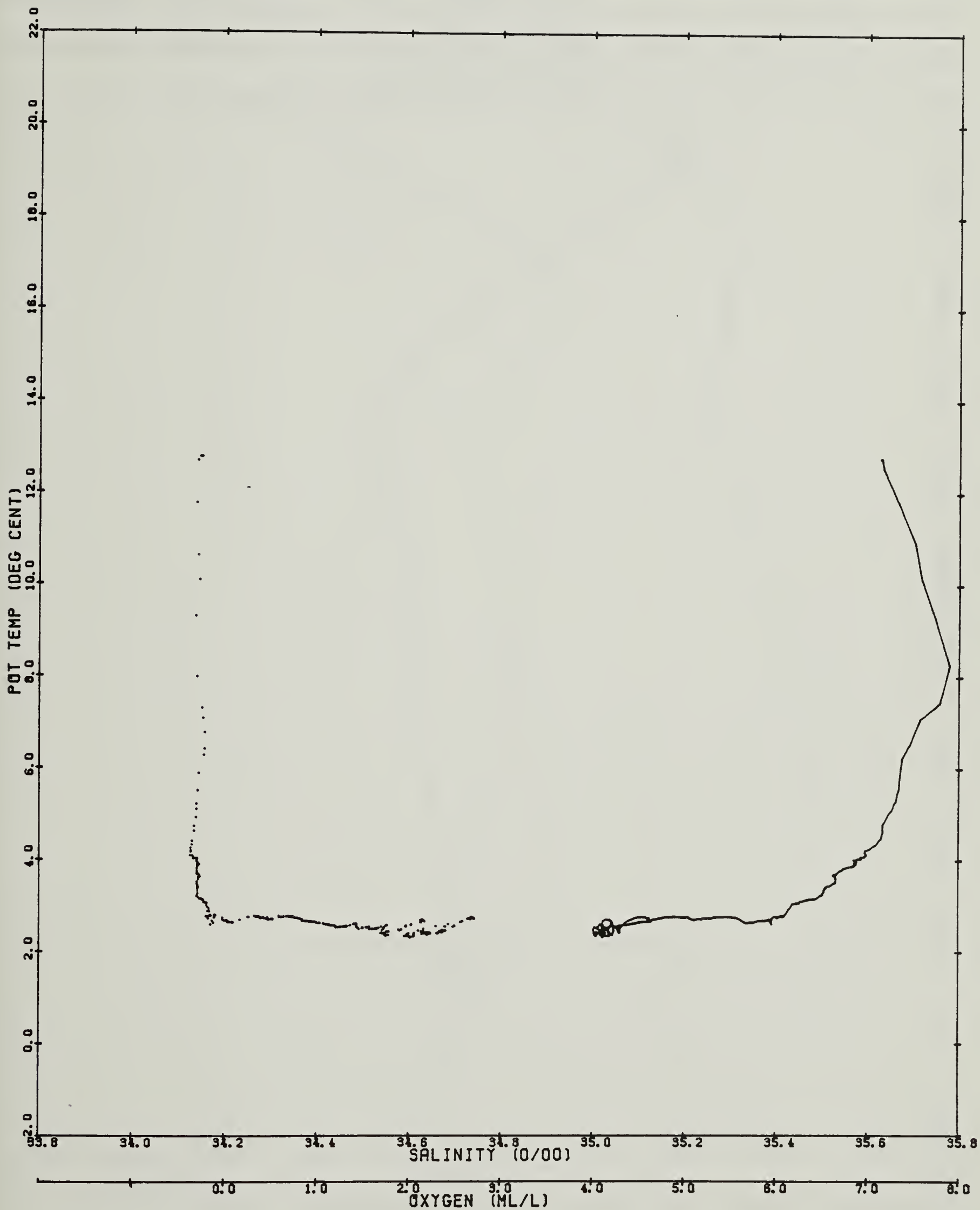
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ST 40



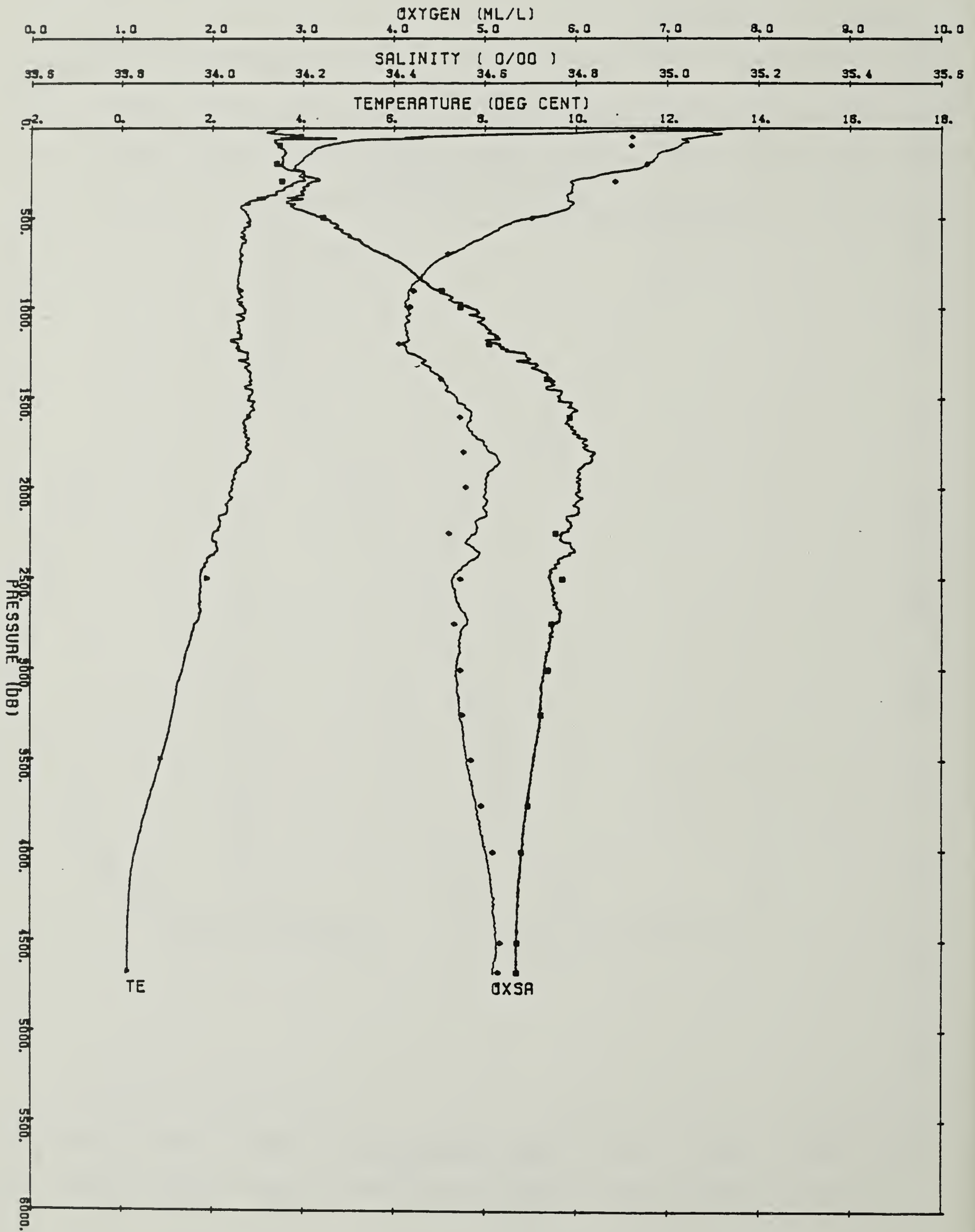
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ST 40



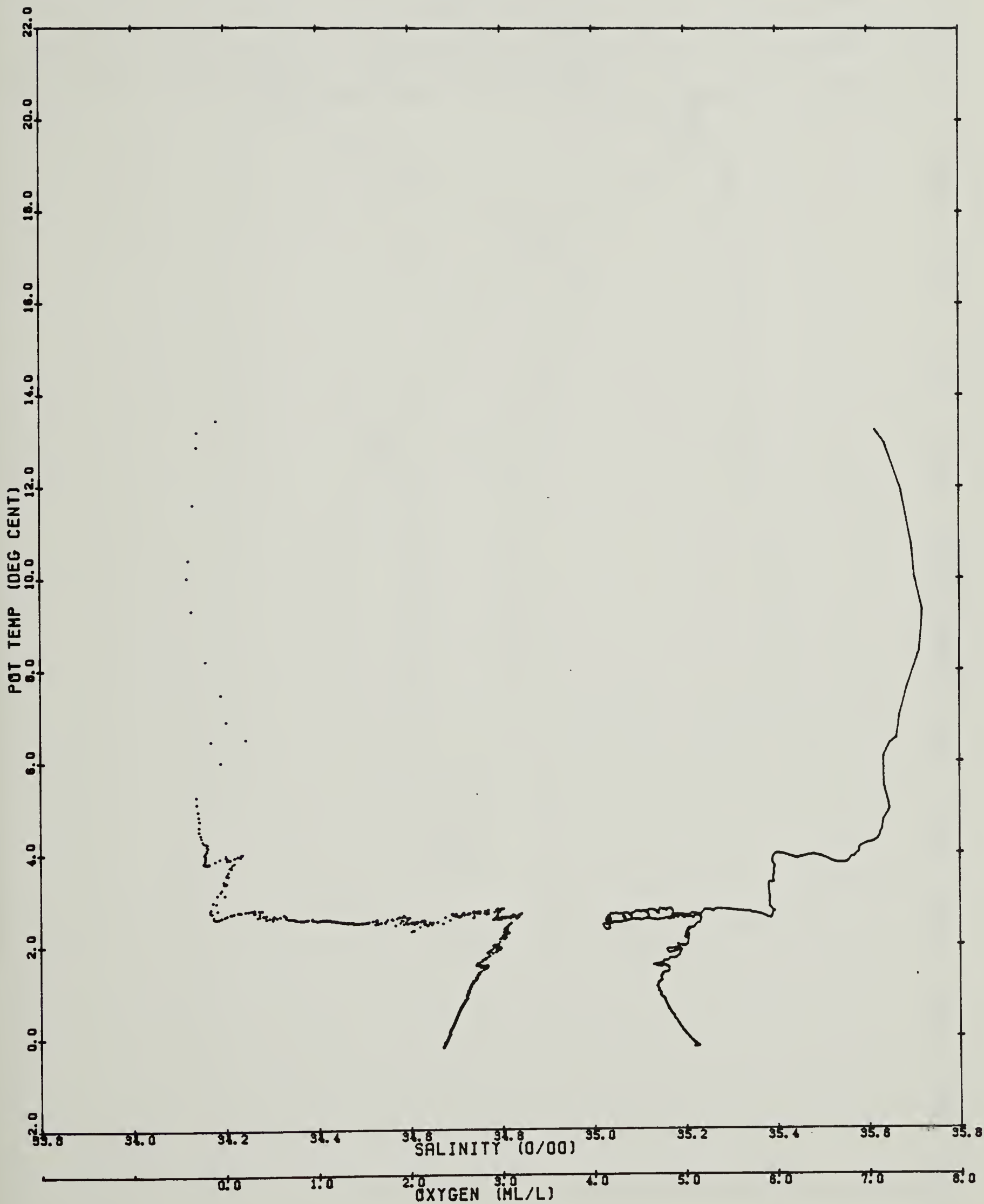
AT107

ST 41



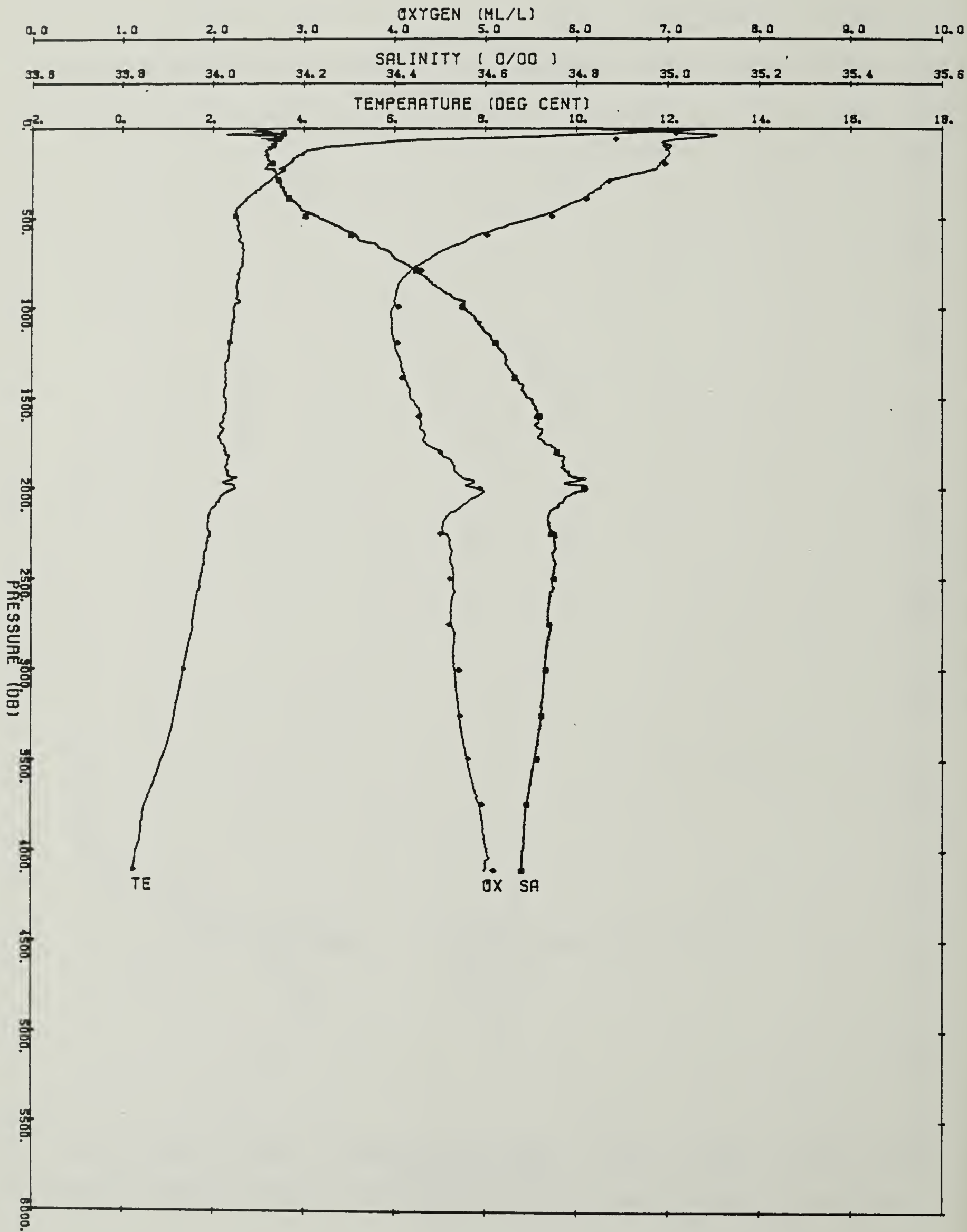
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ST 41



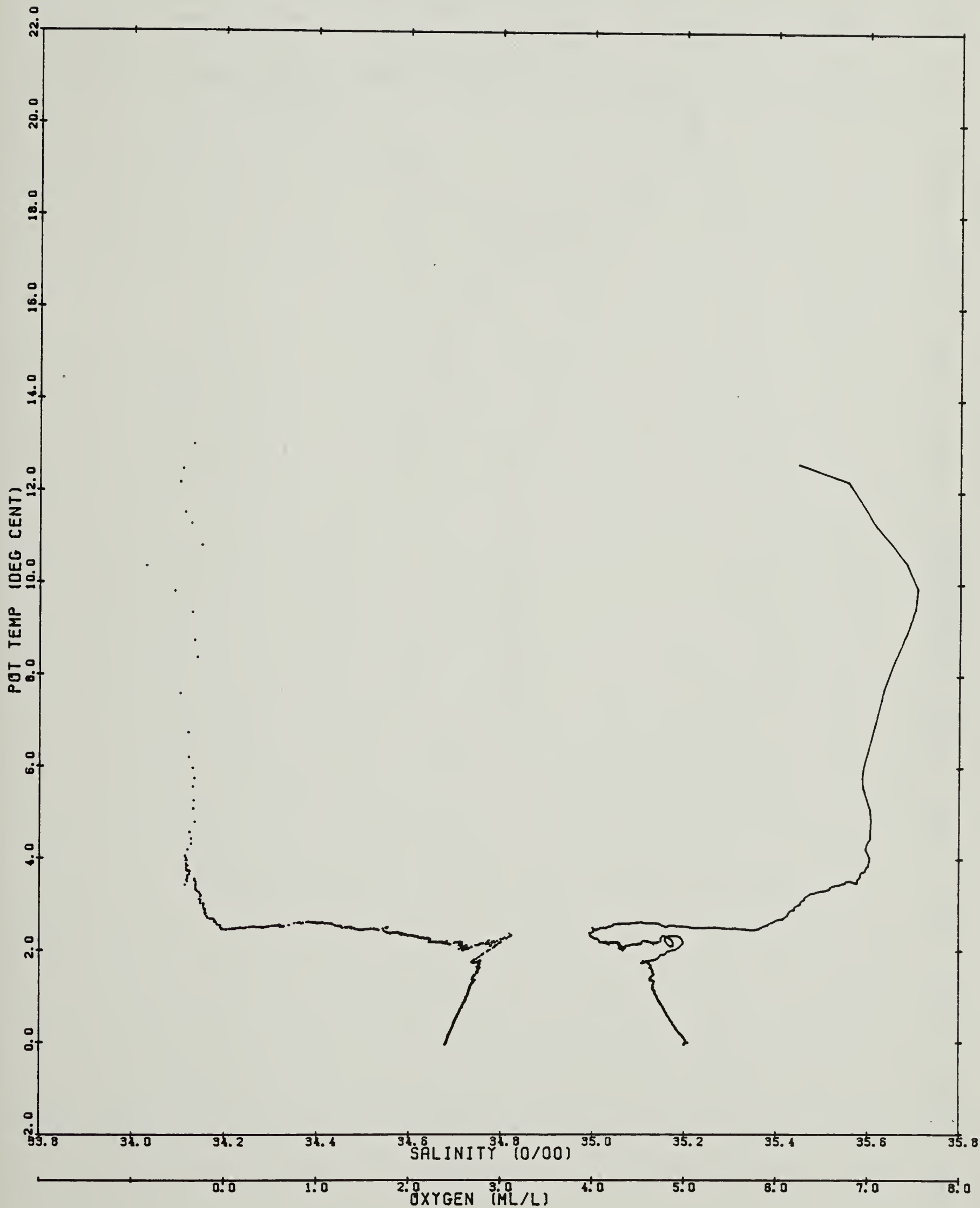
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ST 42



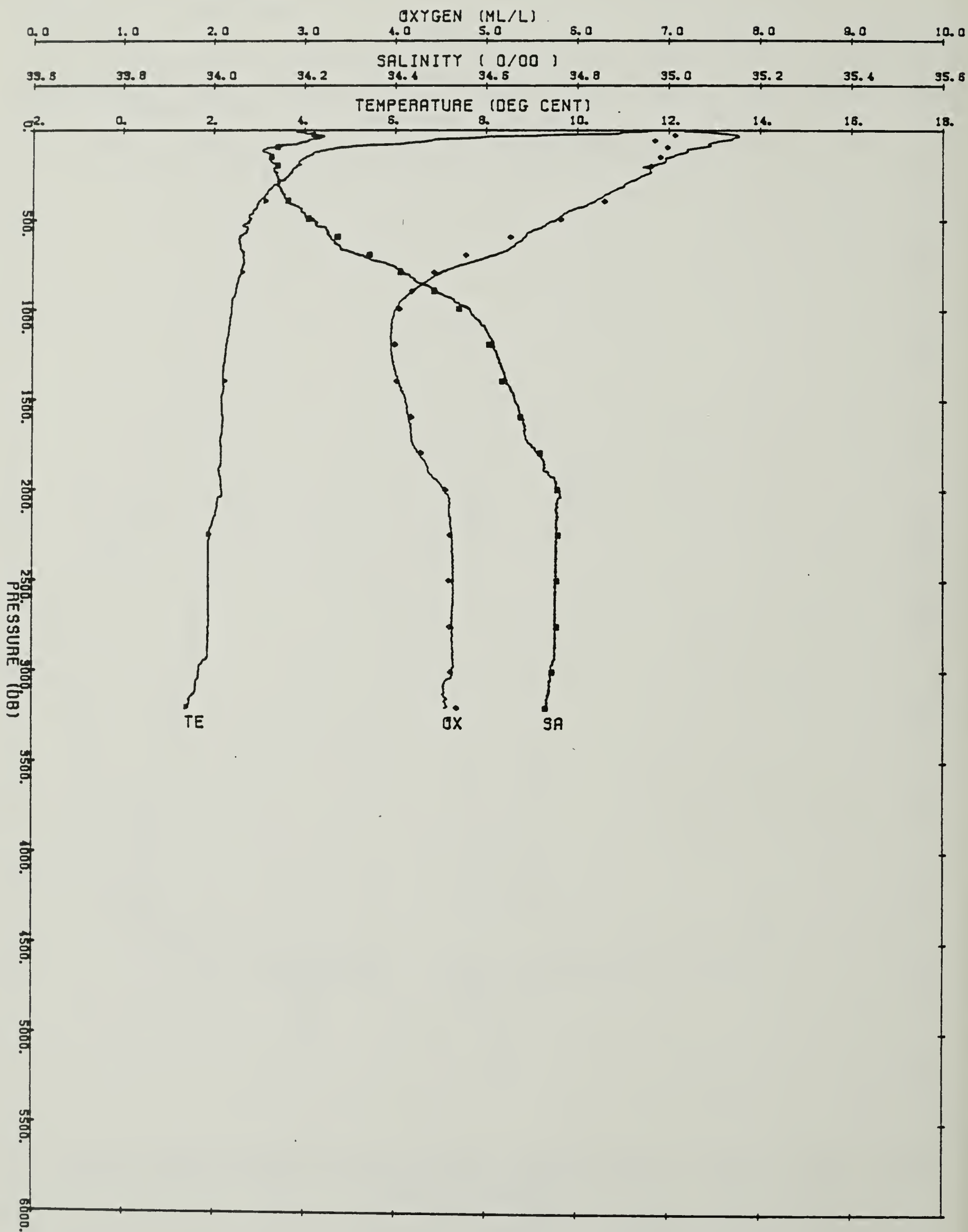
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ST 42



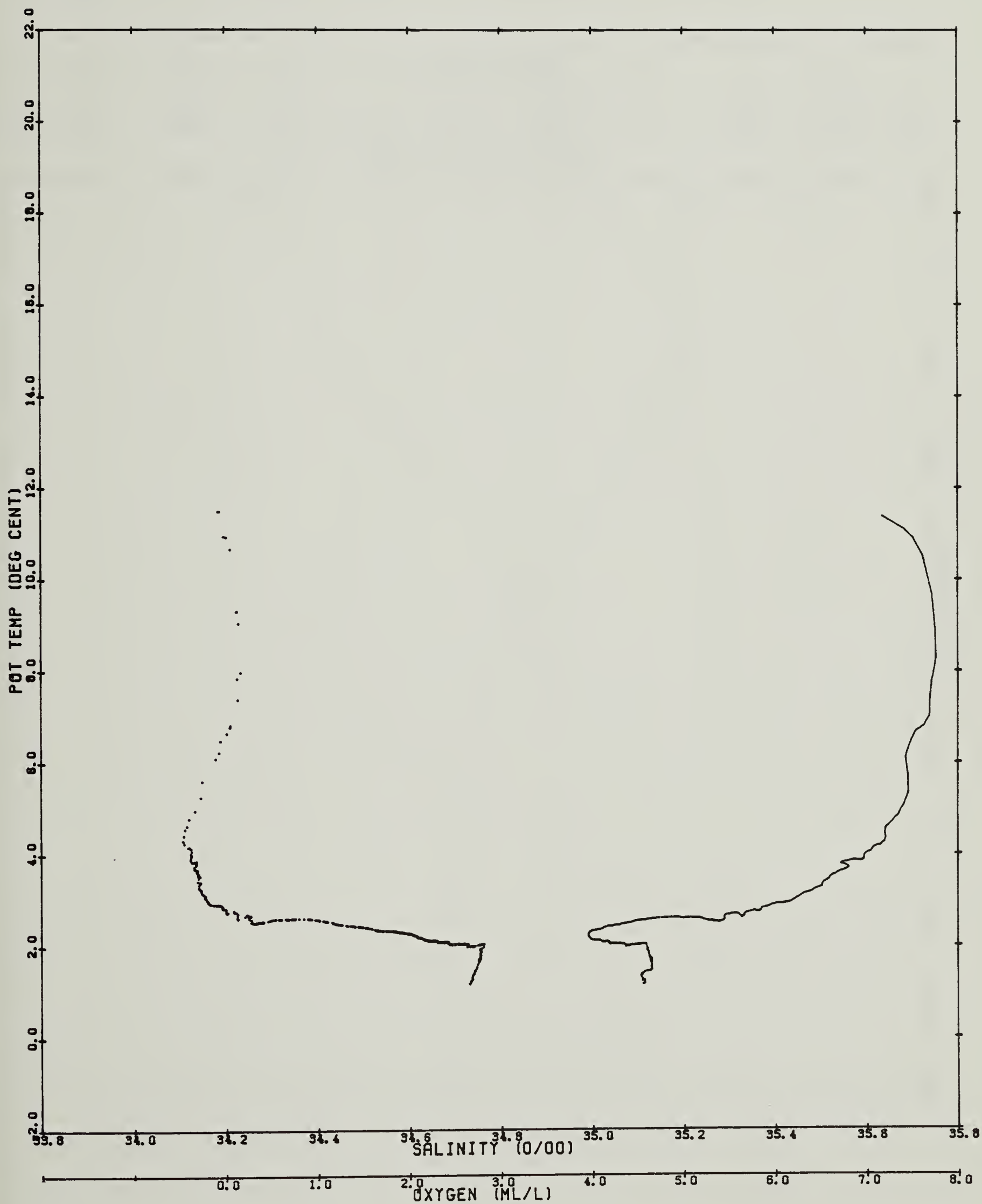
AT107

ST 43



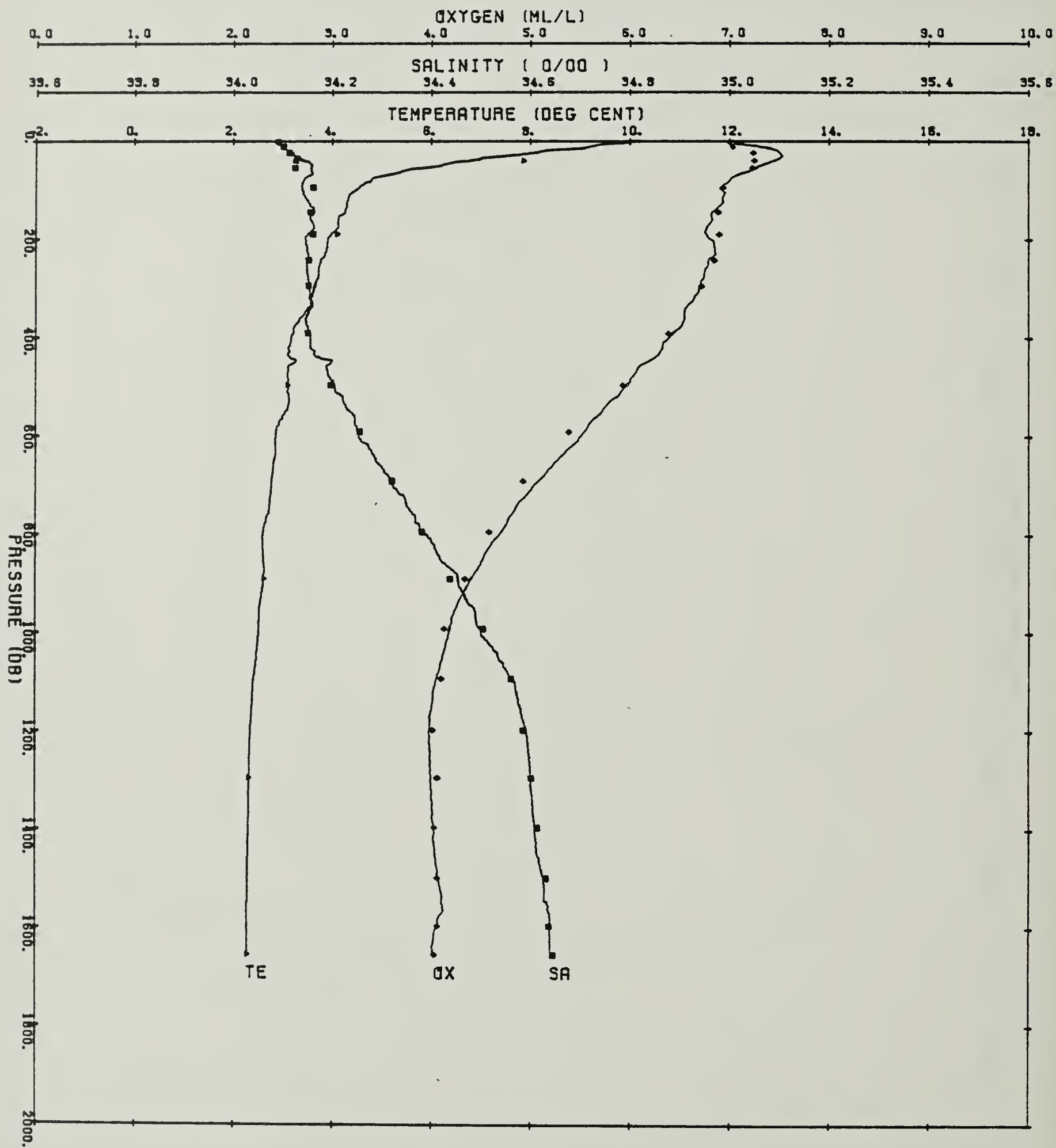
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ST 43



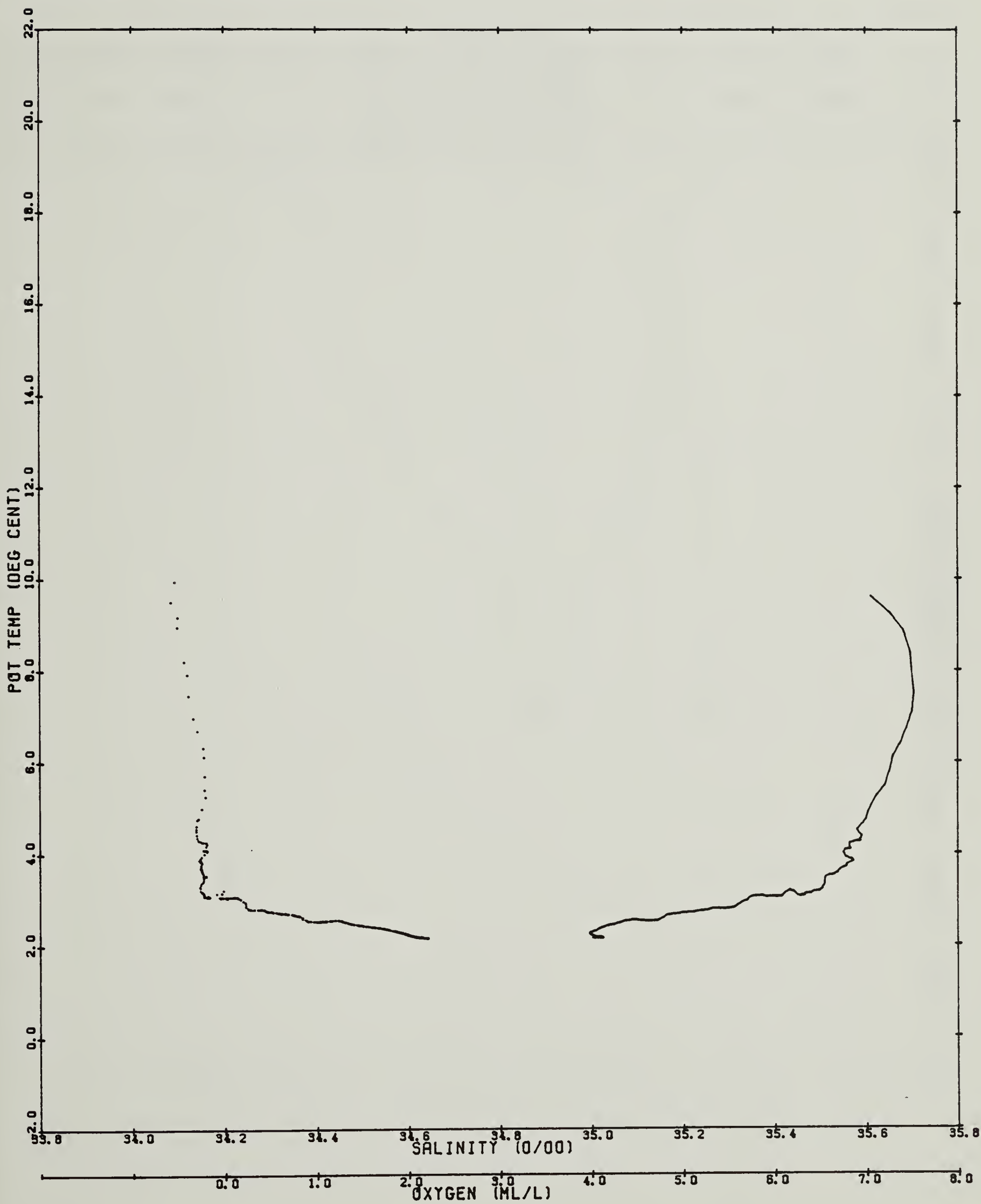
AT107

ST 44



AT107

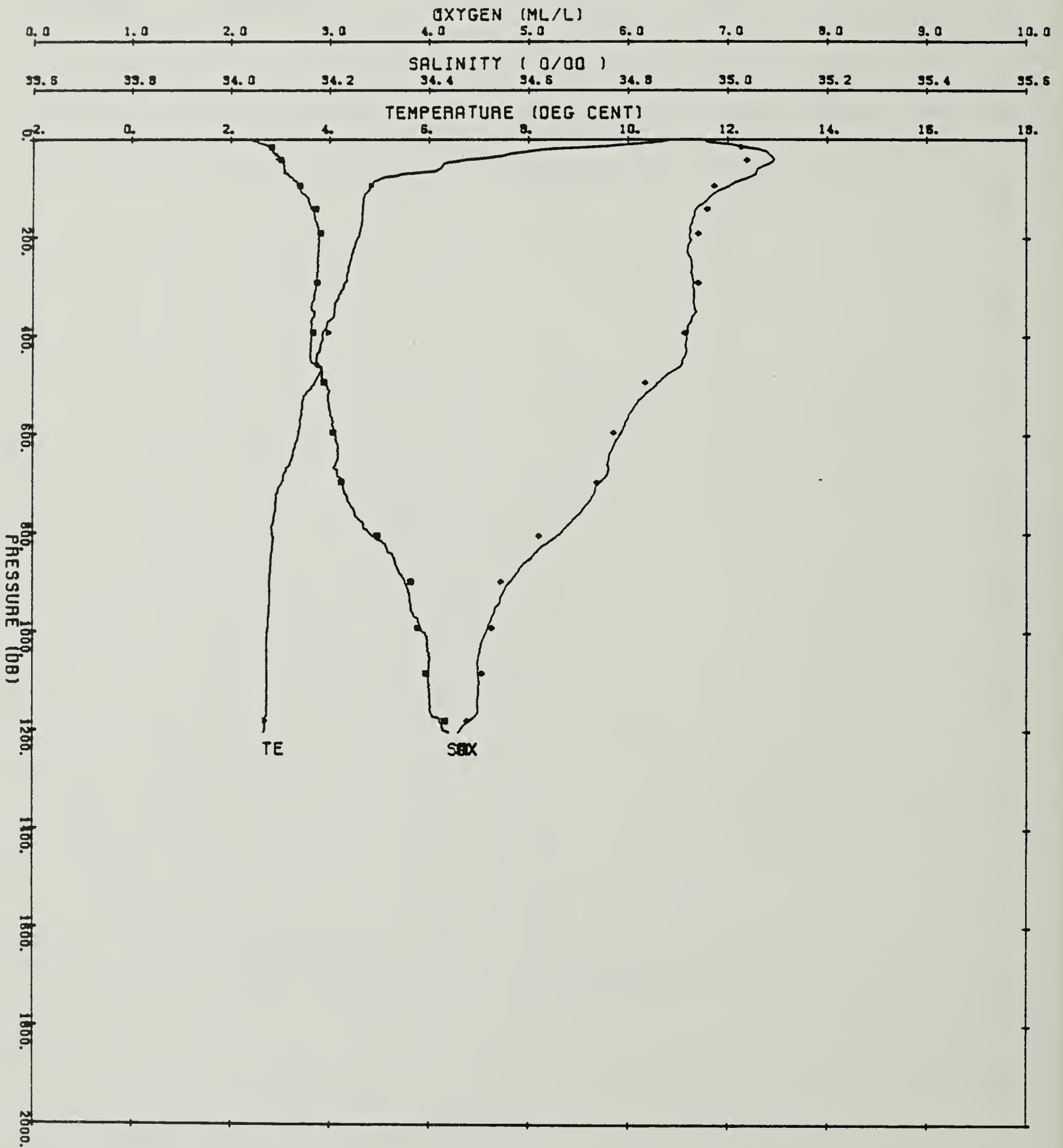
ST 44



21

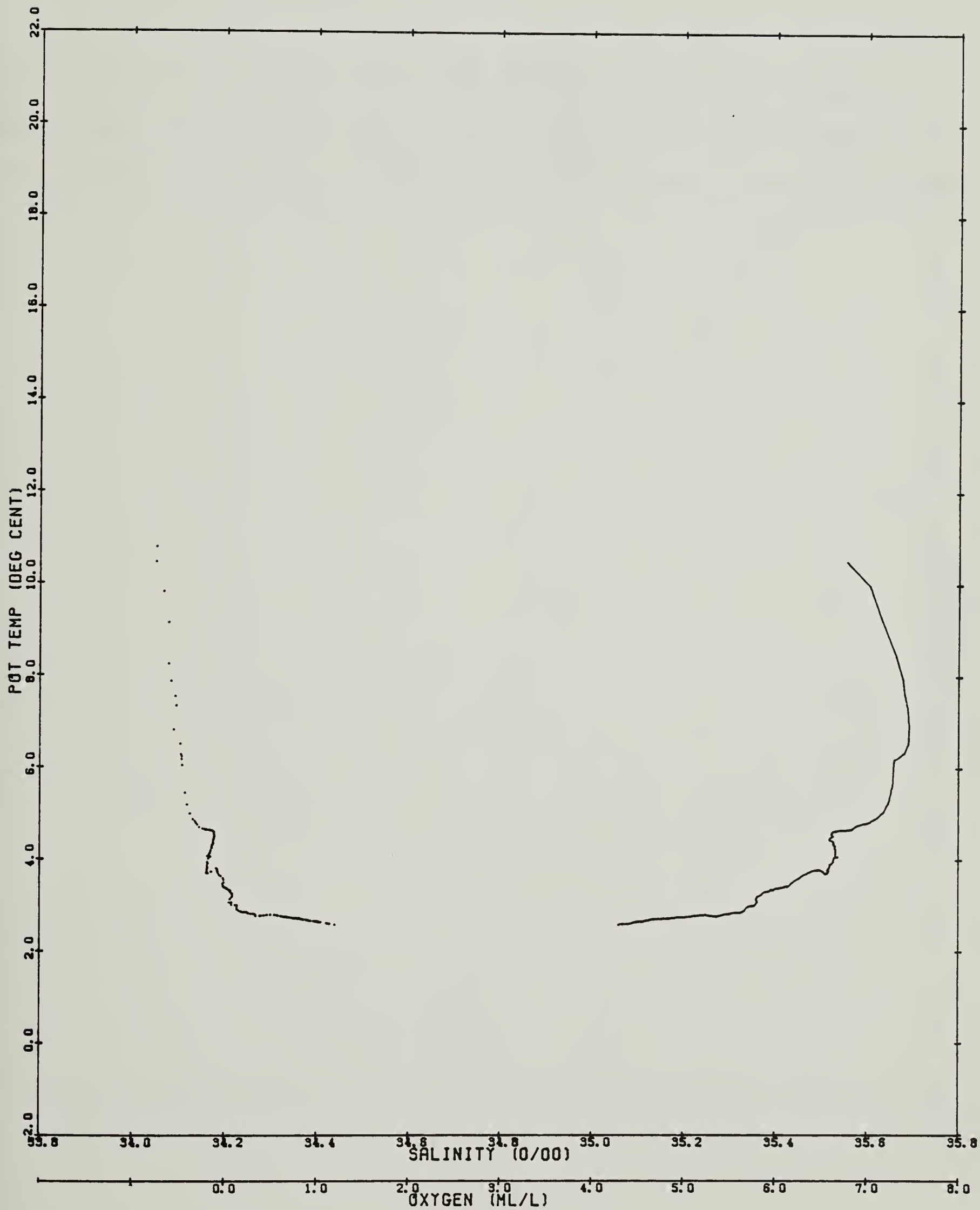
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ST 45



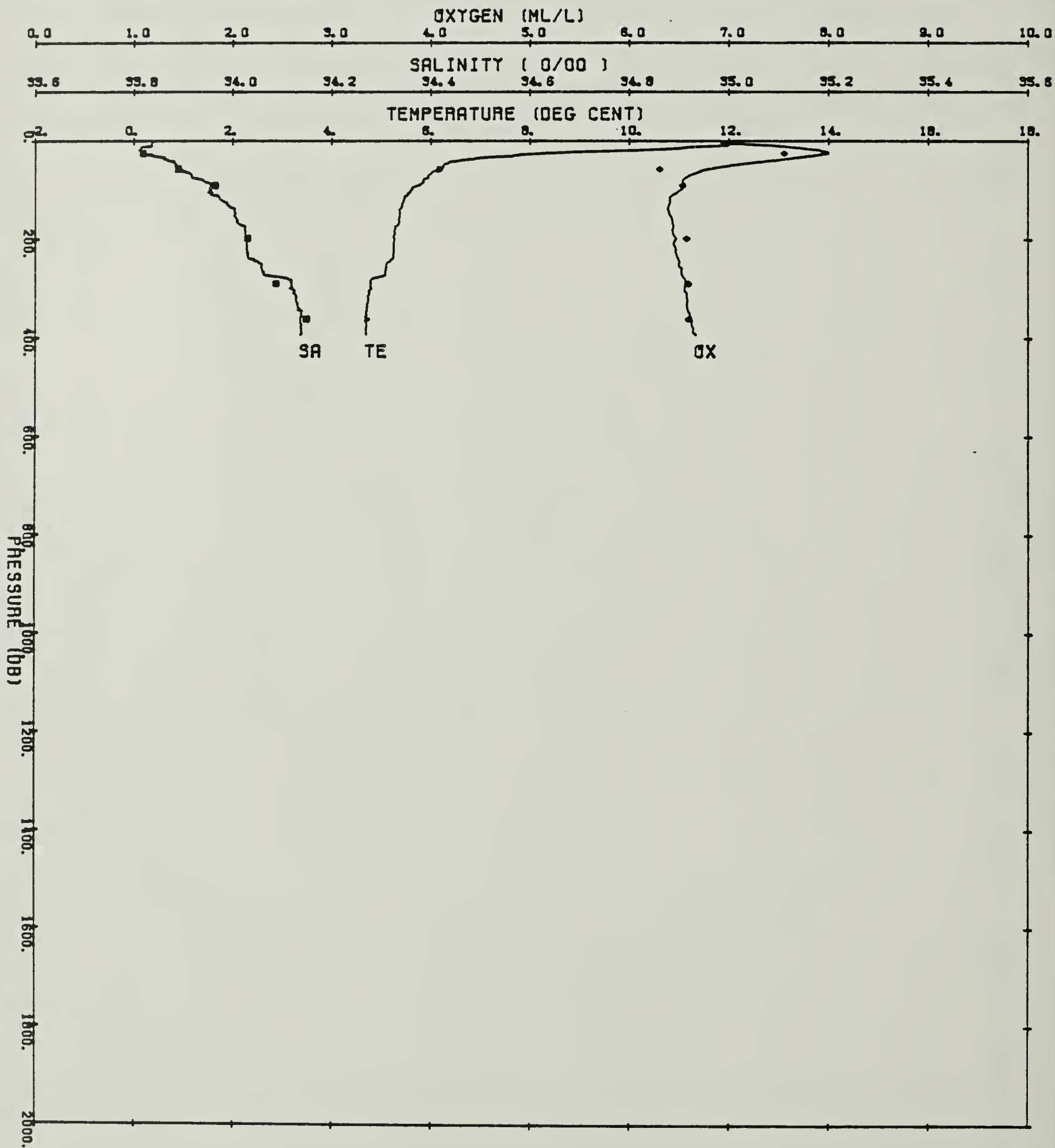
AT107

ST 45



AT107

ST 46



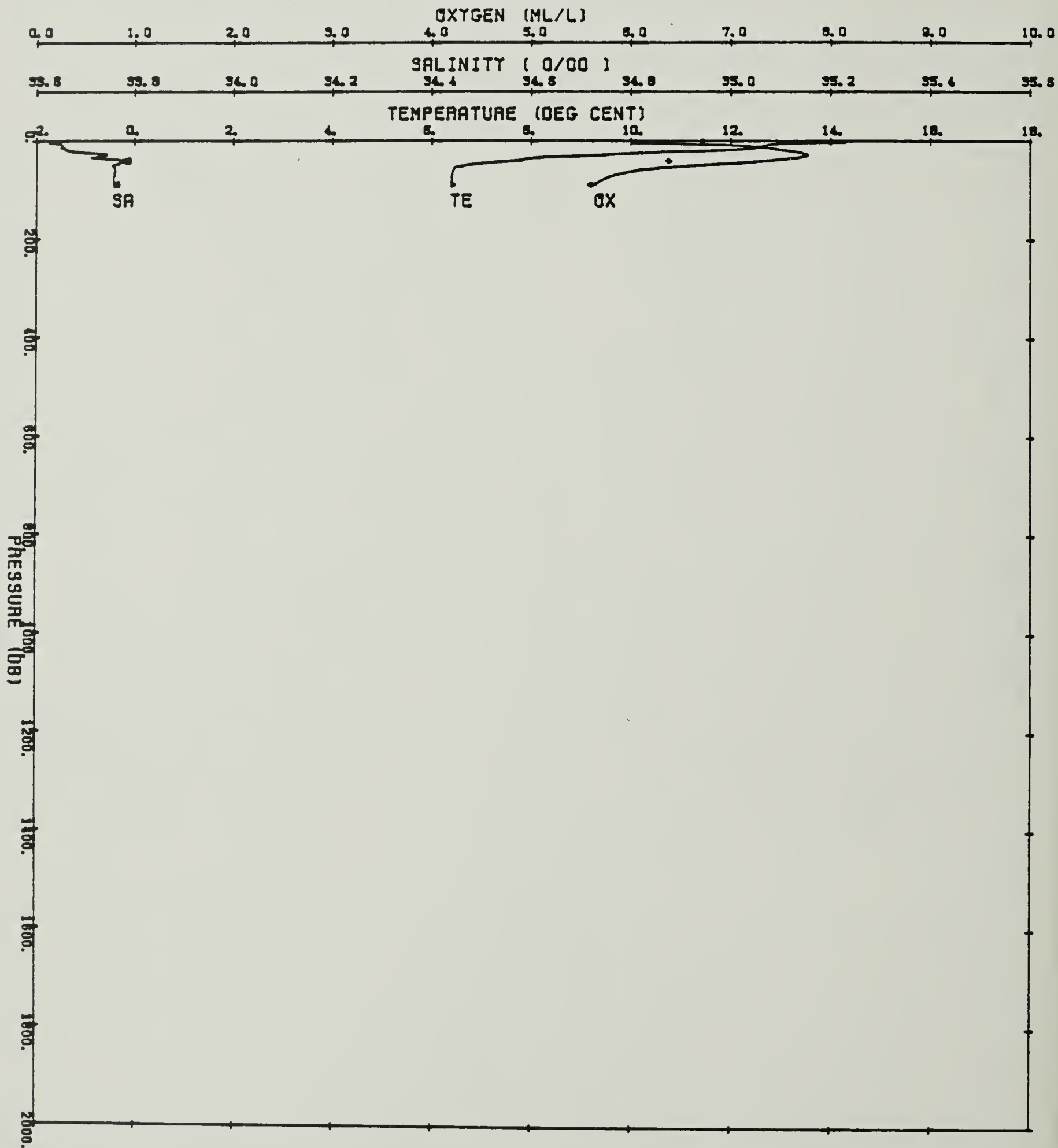
AT107

ST 46



AT107

ST 47



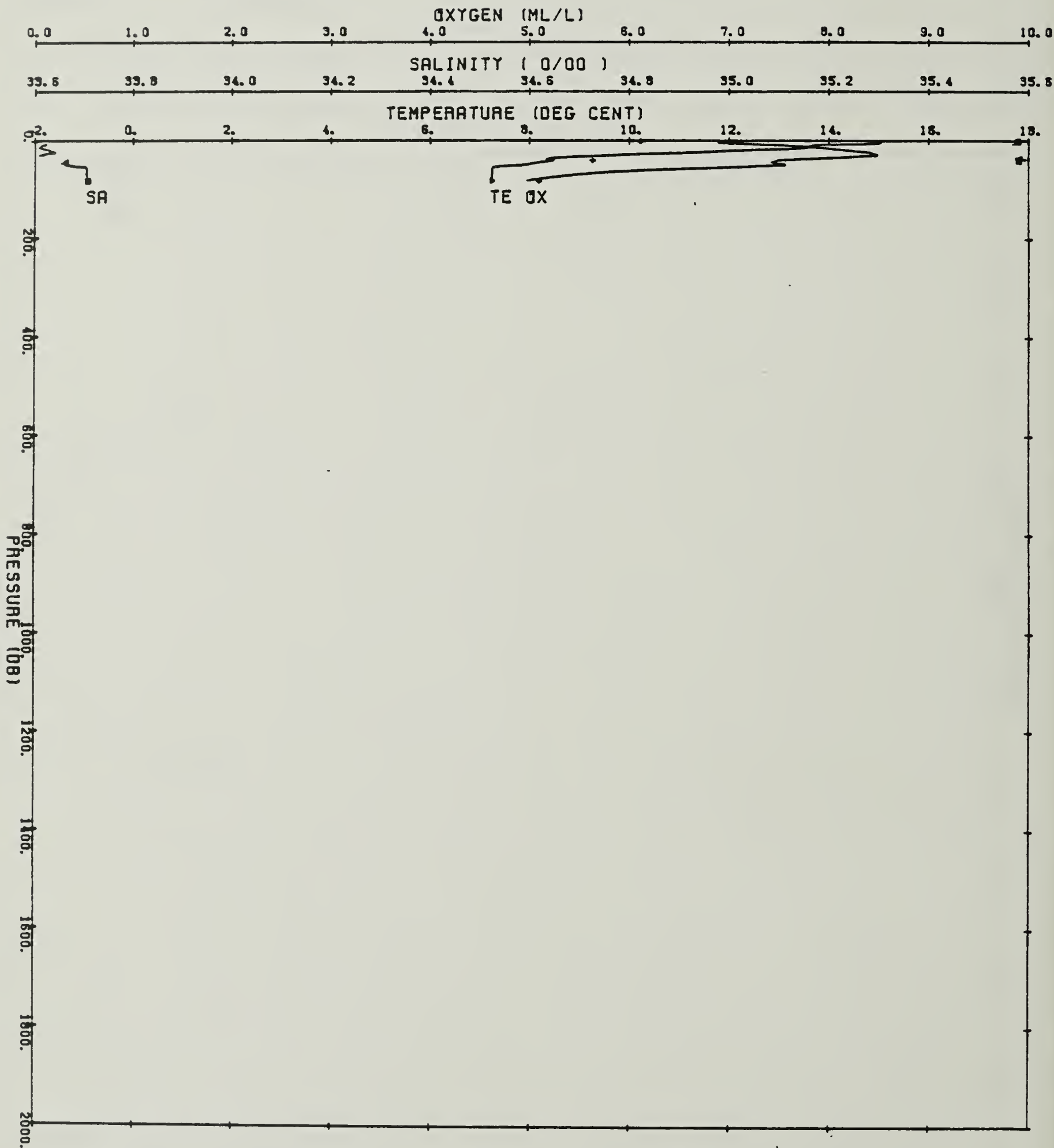
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ST 47



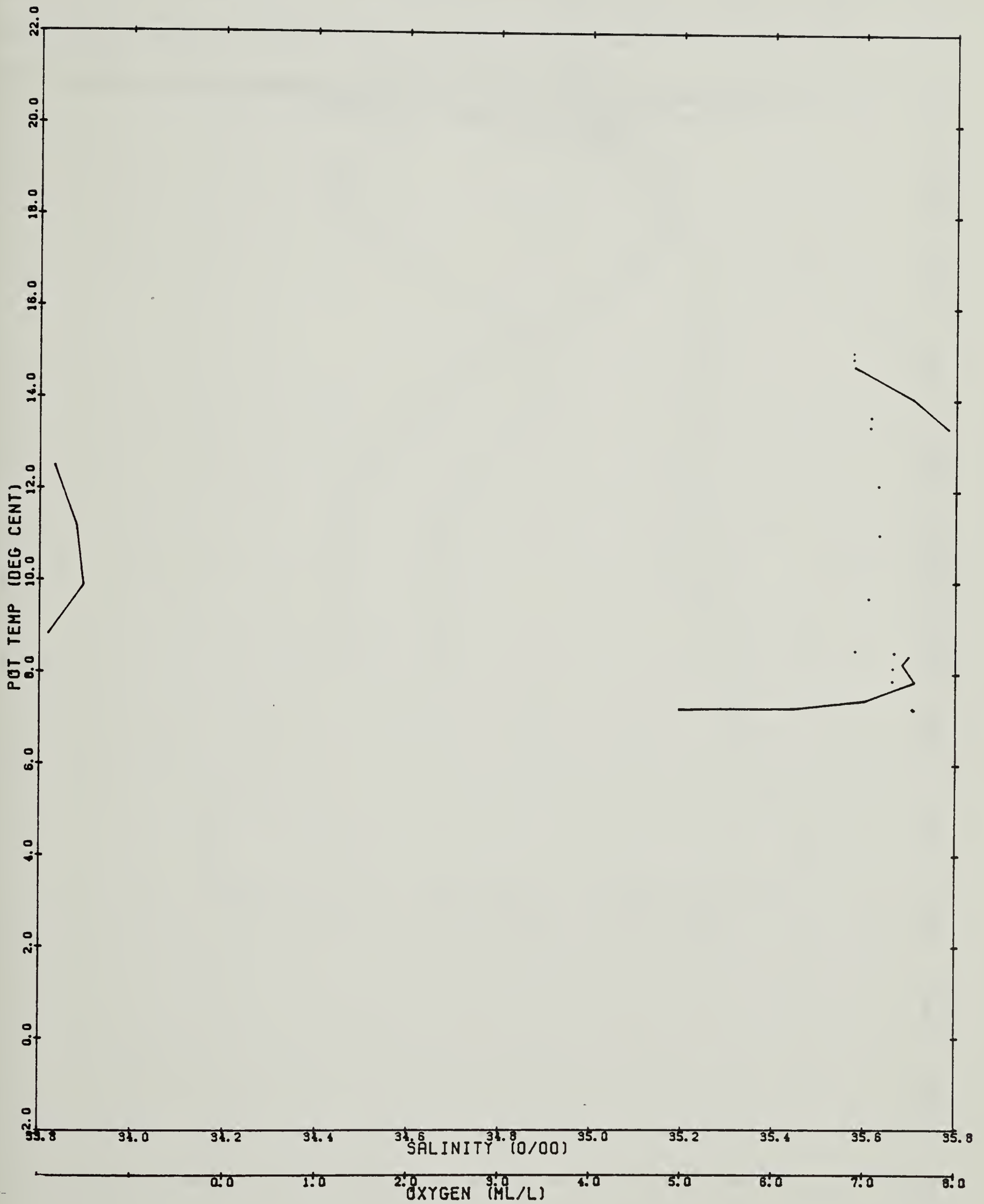
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ST 48



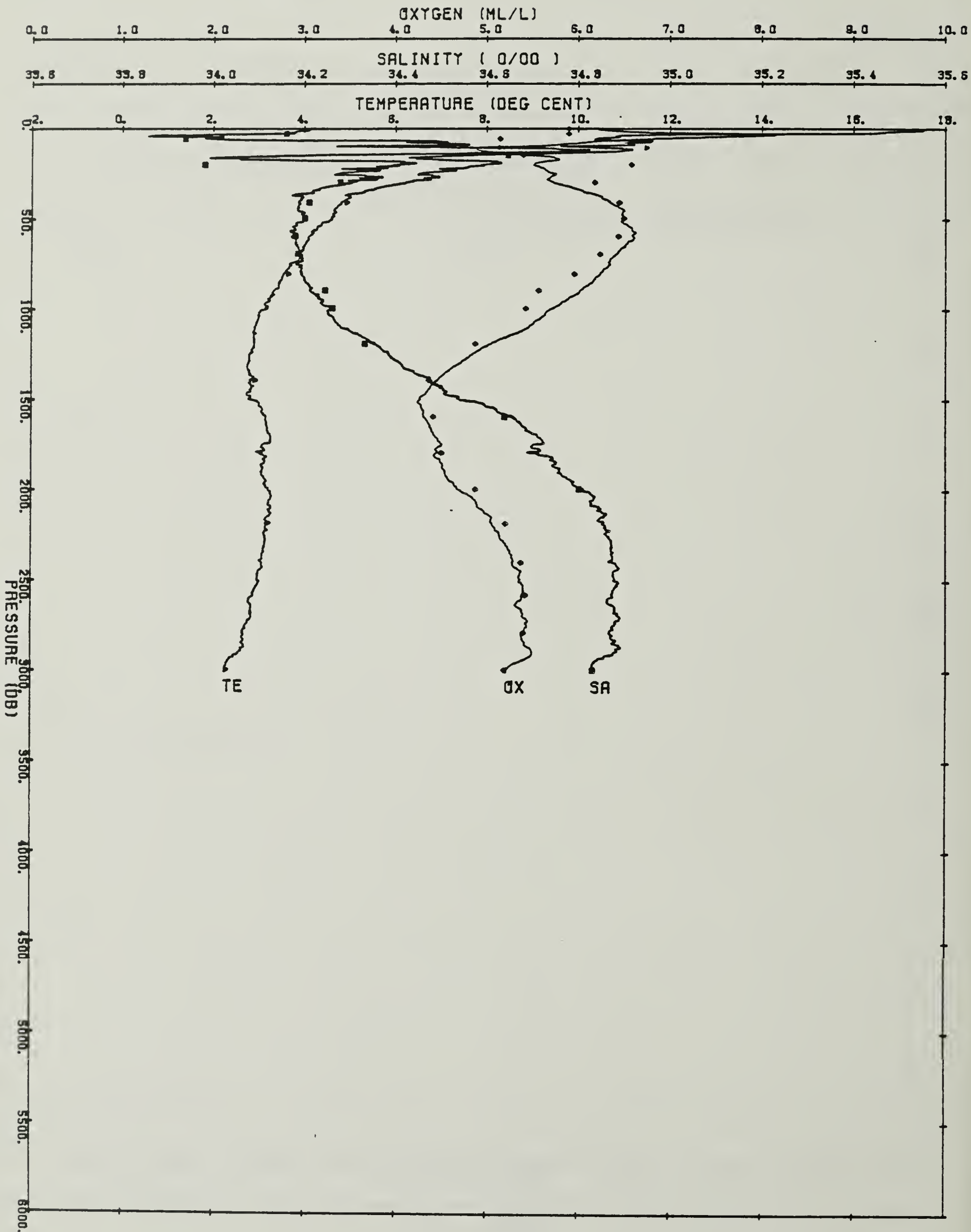
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ST 48



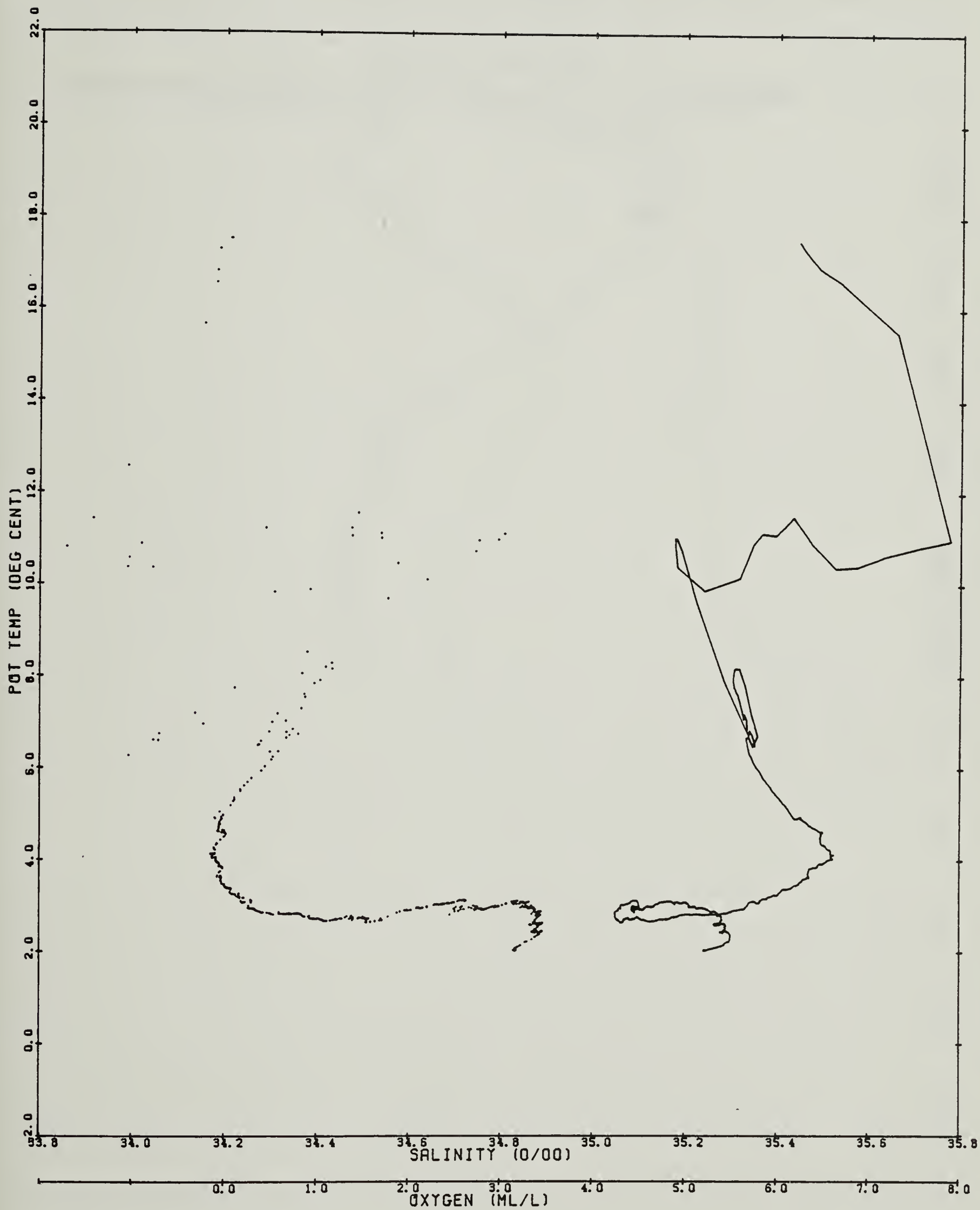
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ST 49



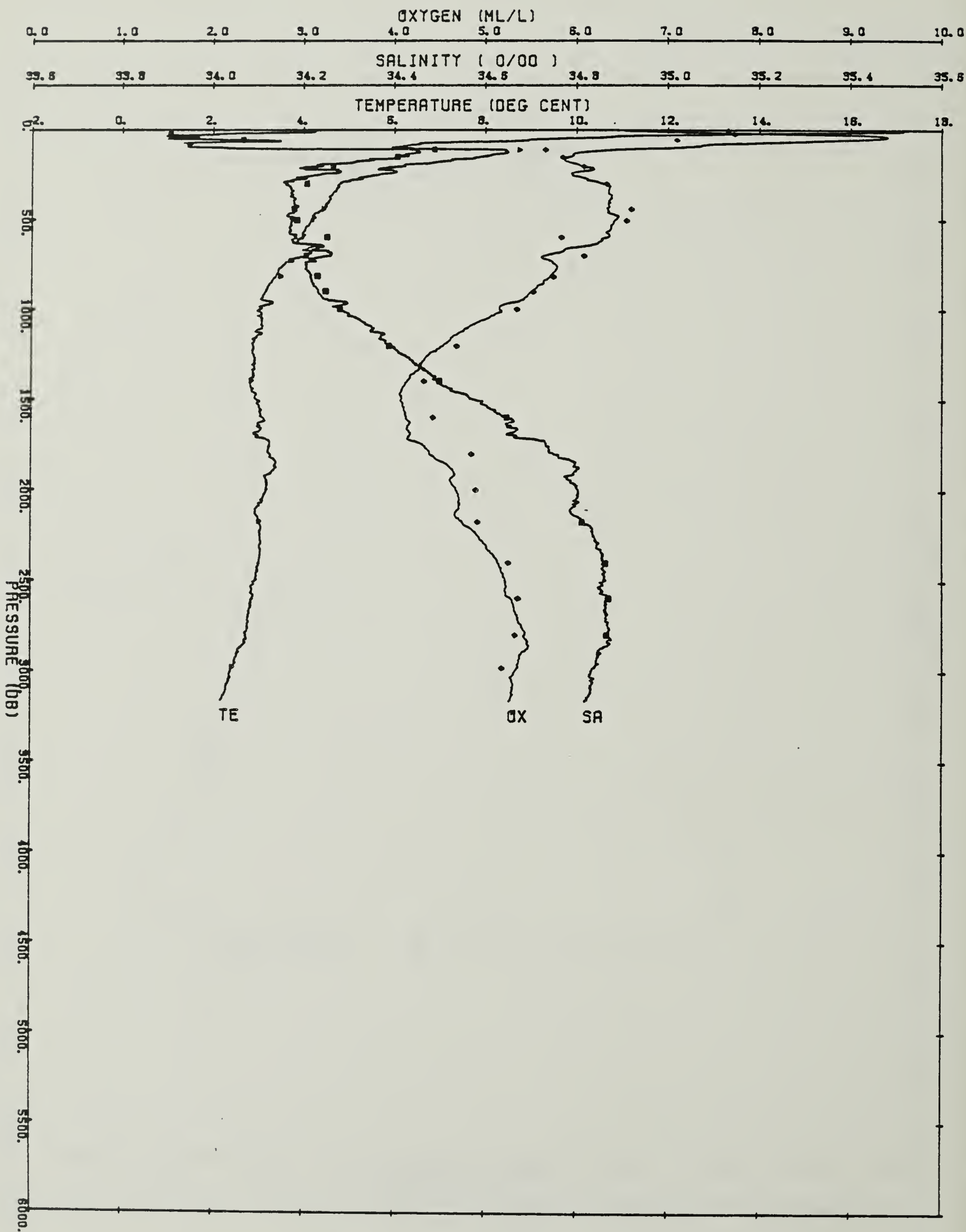
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ST 49



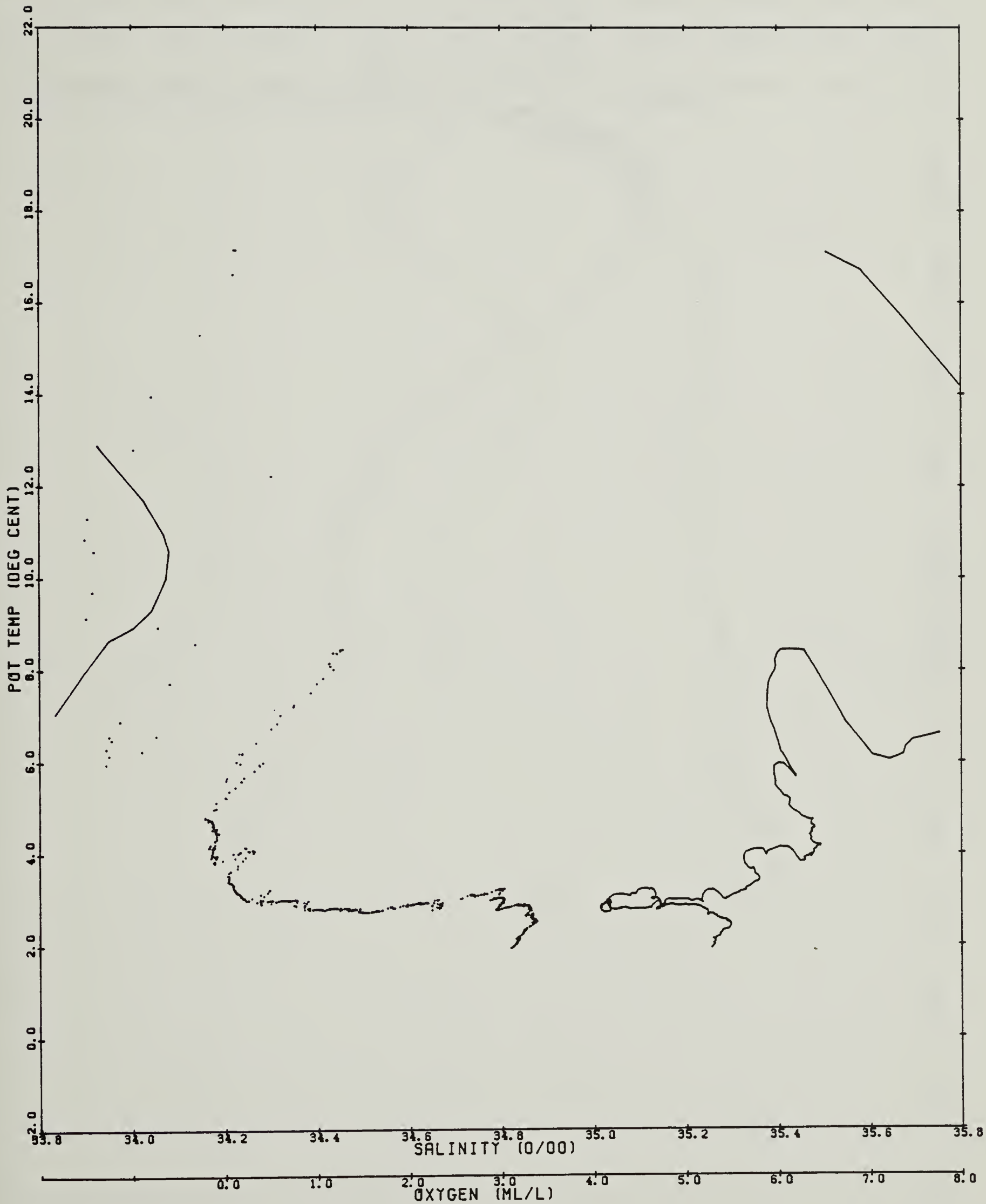
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ST 50



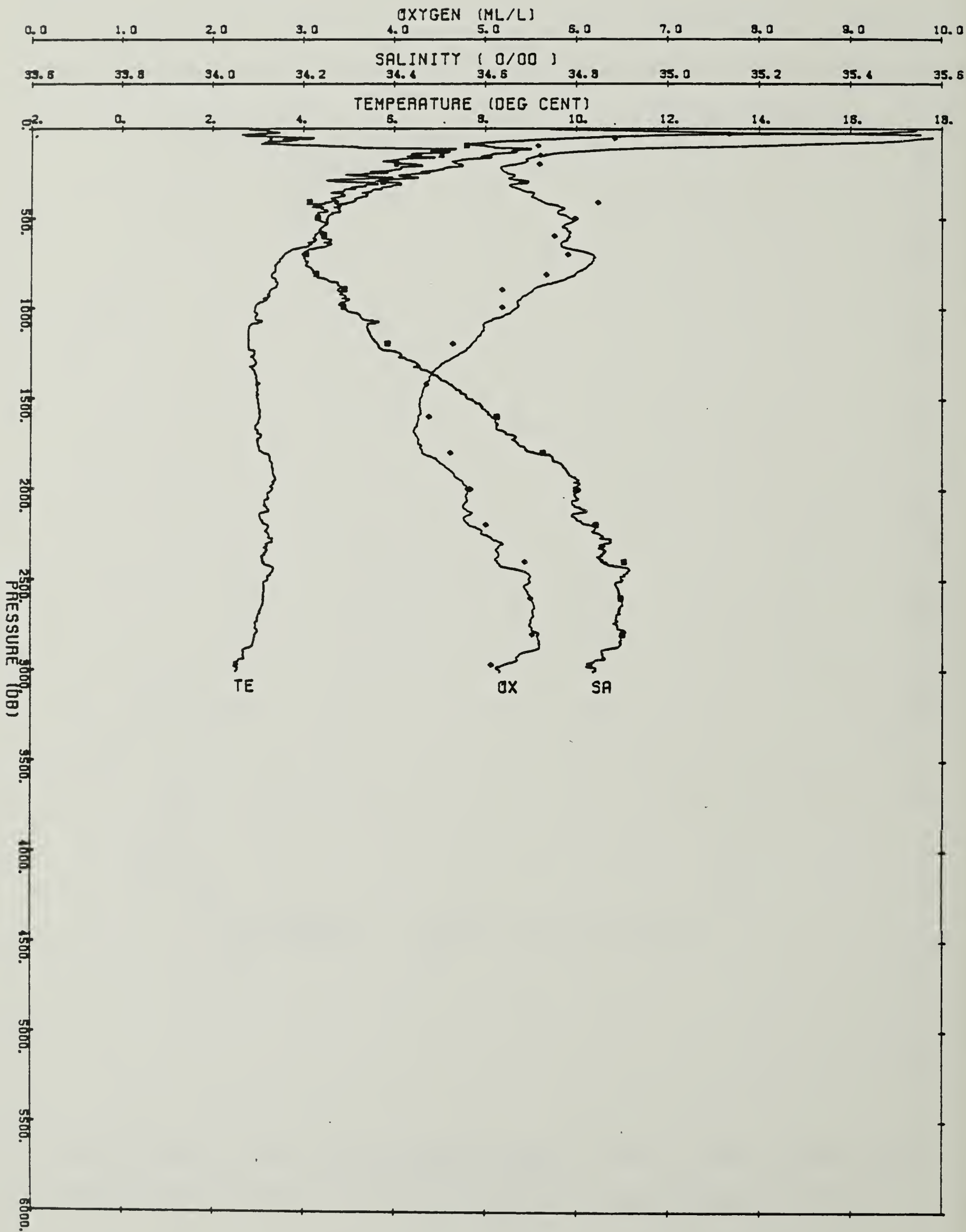
AT107

ST 50



AT107

ST 51



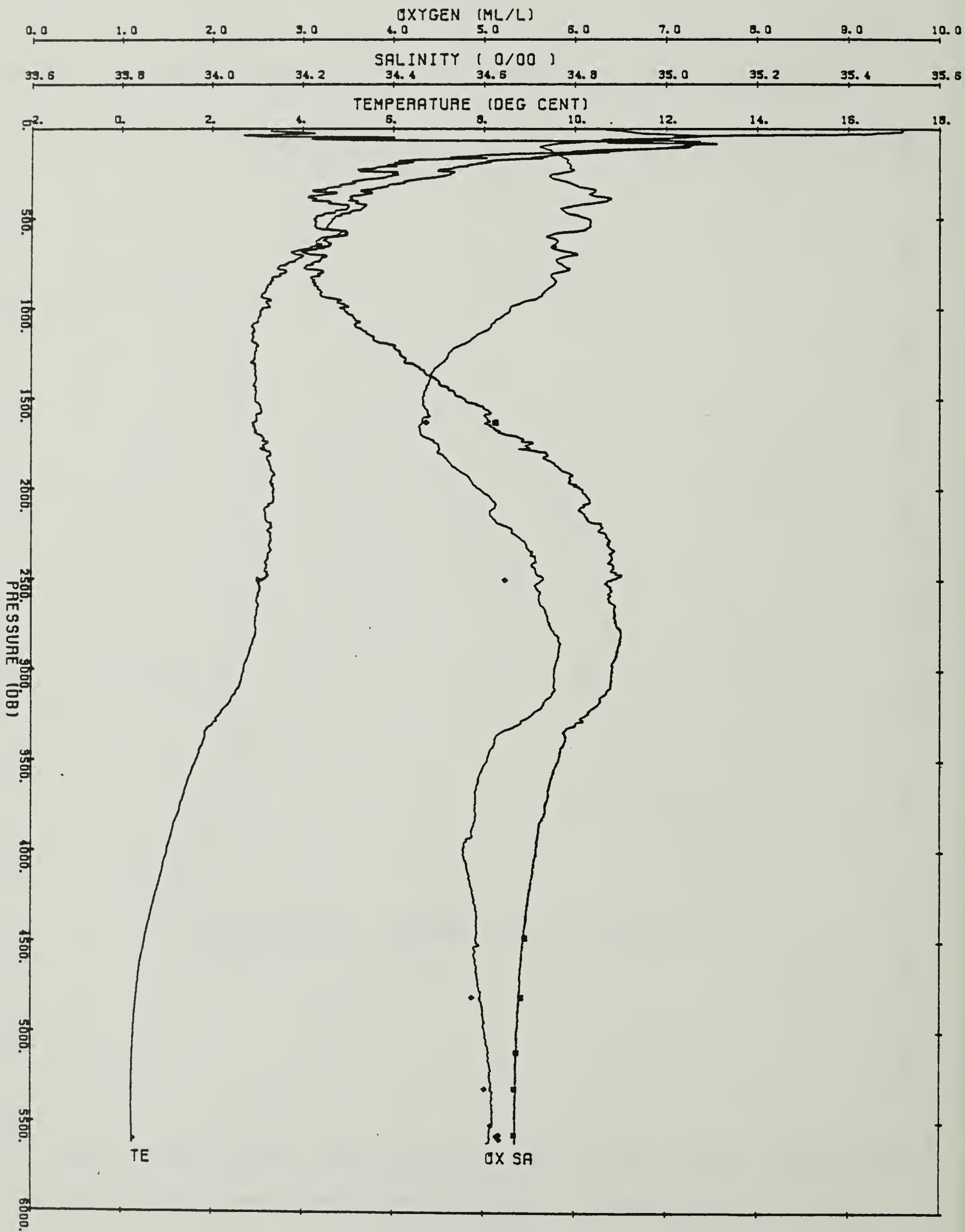
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ST 51



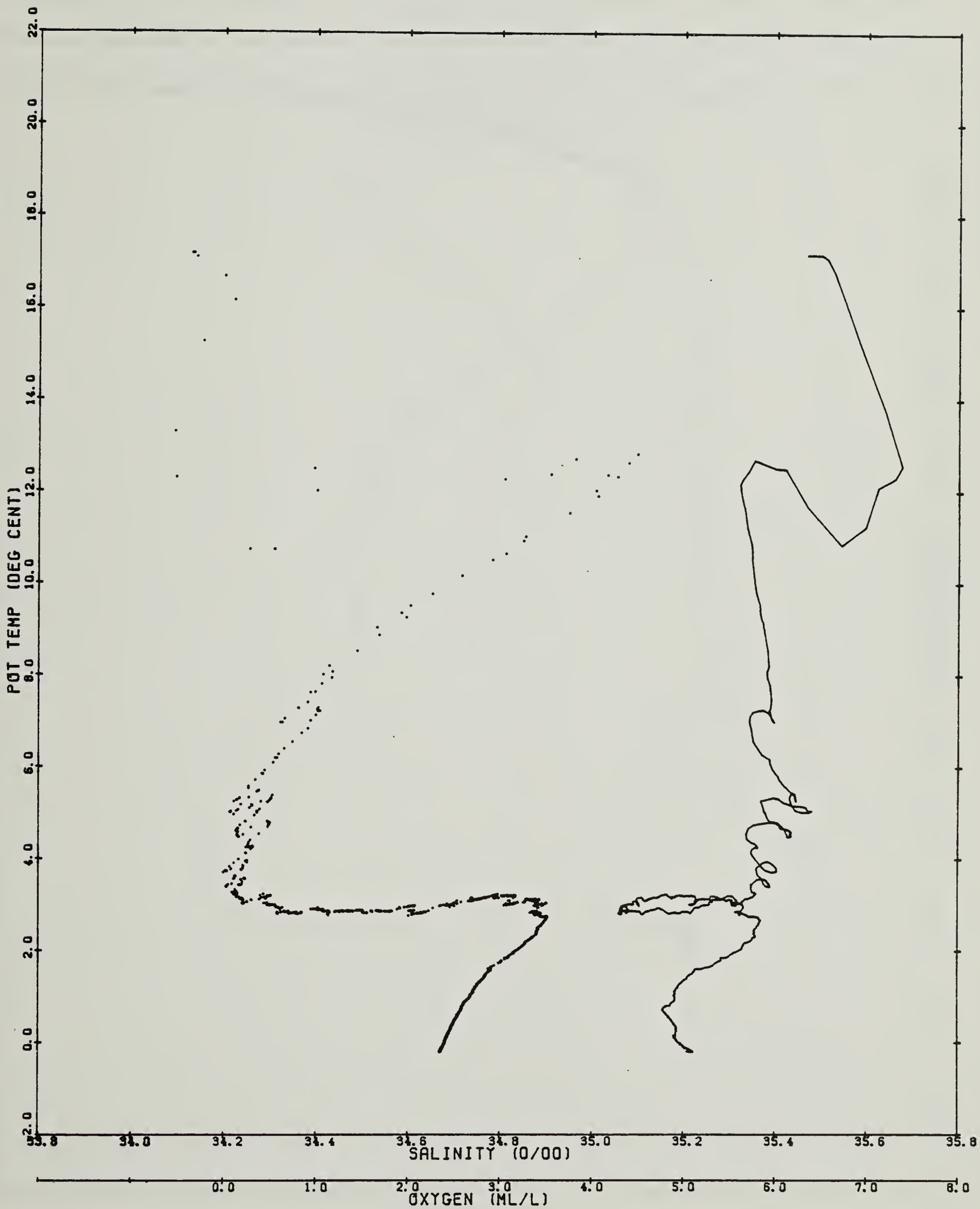
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ST 52



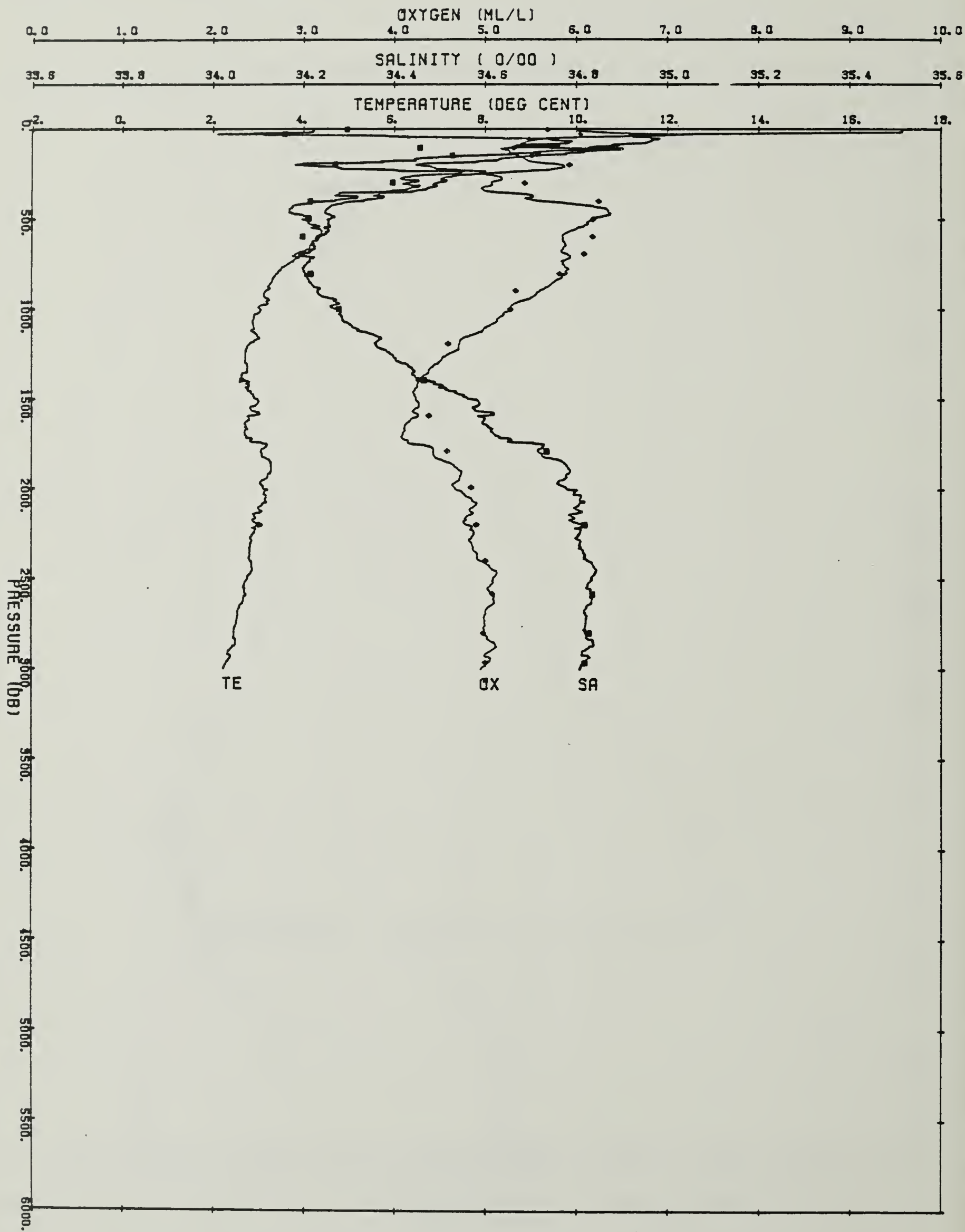
AT107

ST 52



AT107

ST 53



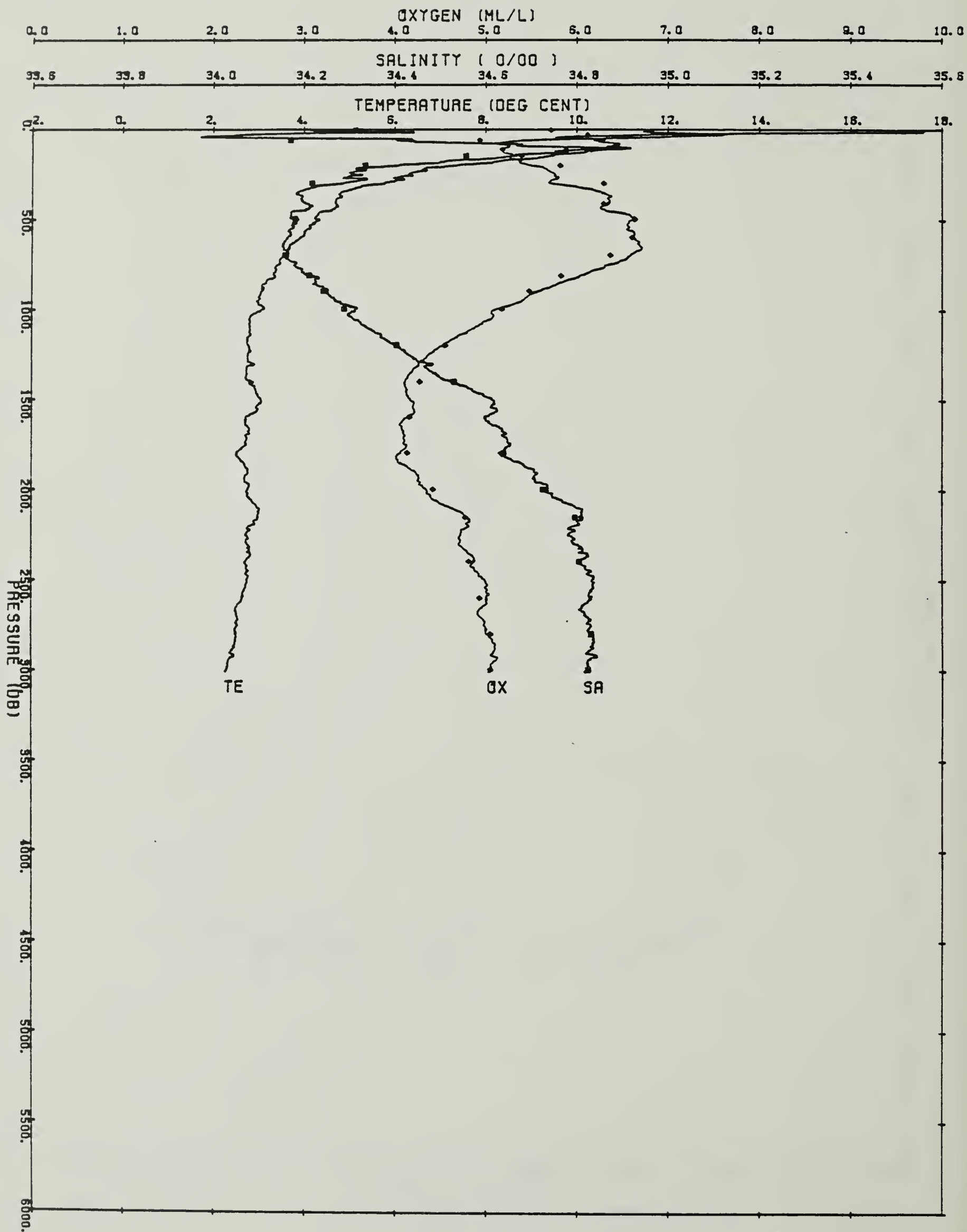
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ST 53



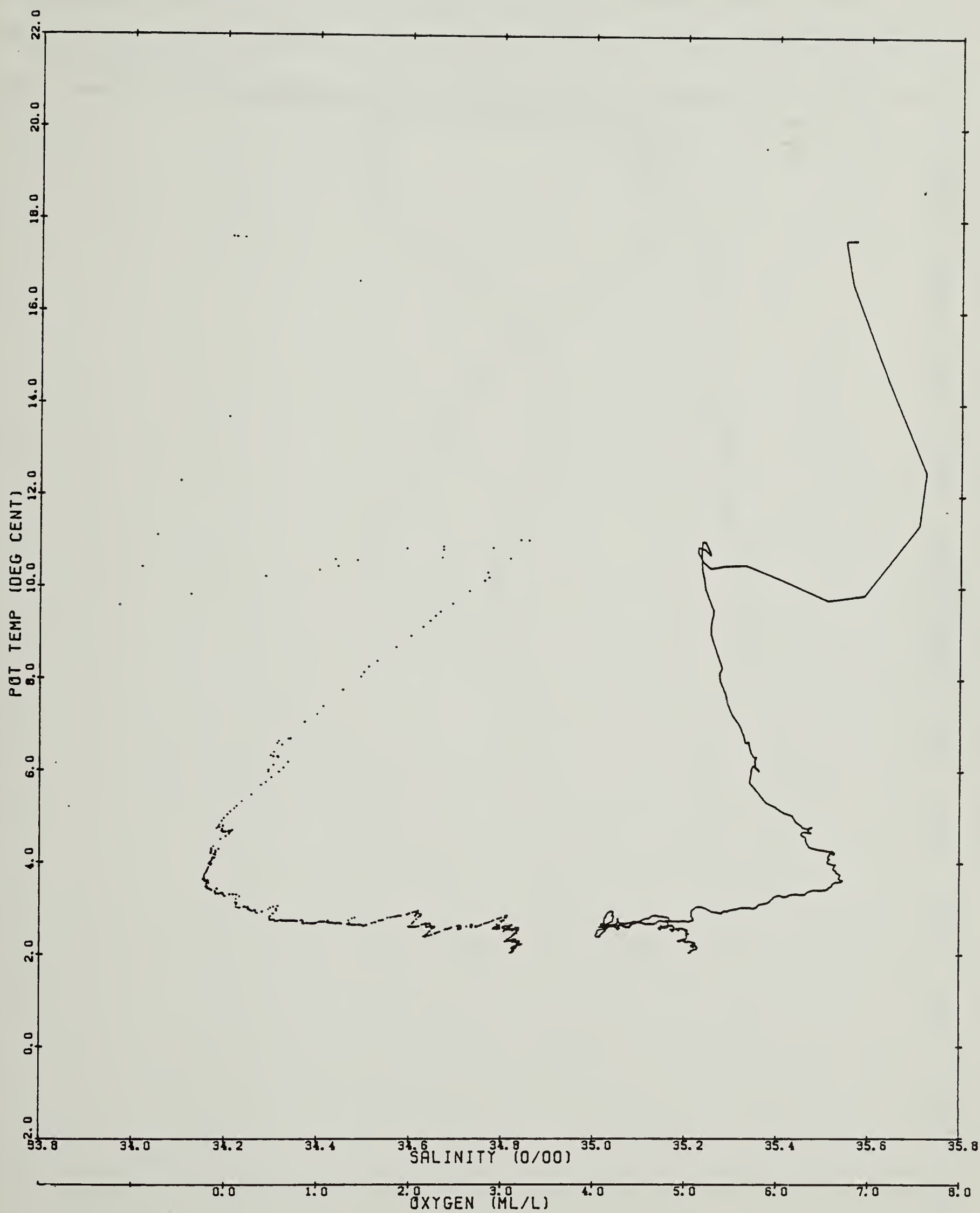
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ST 54



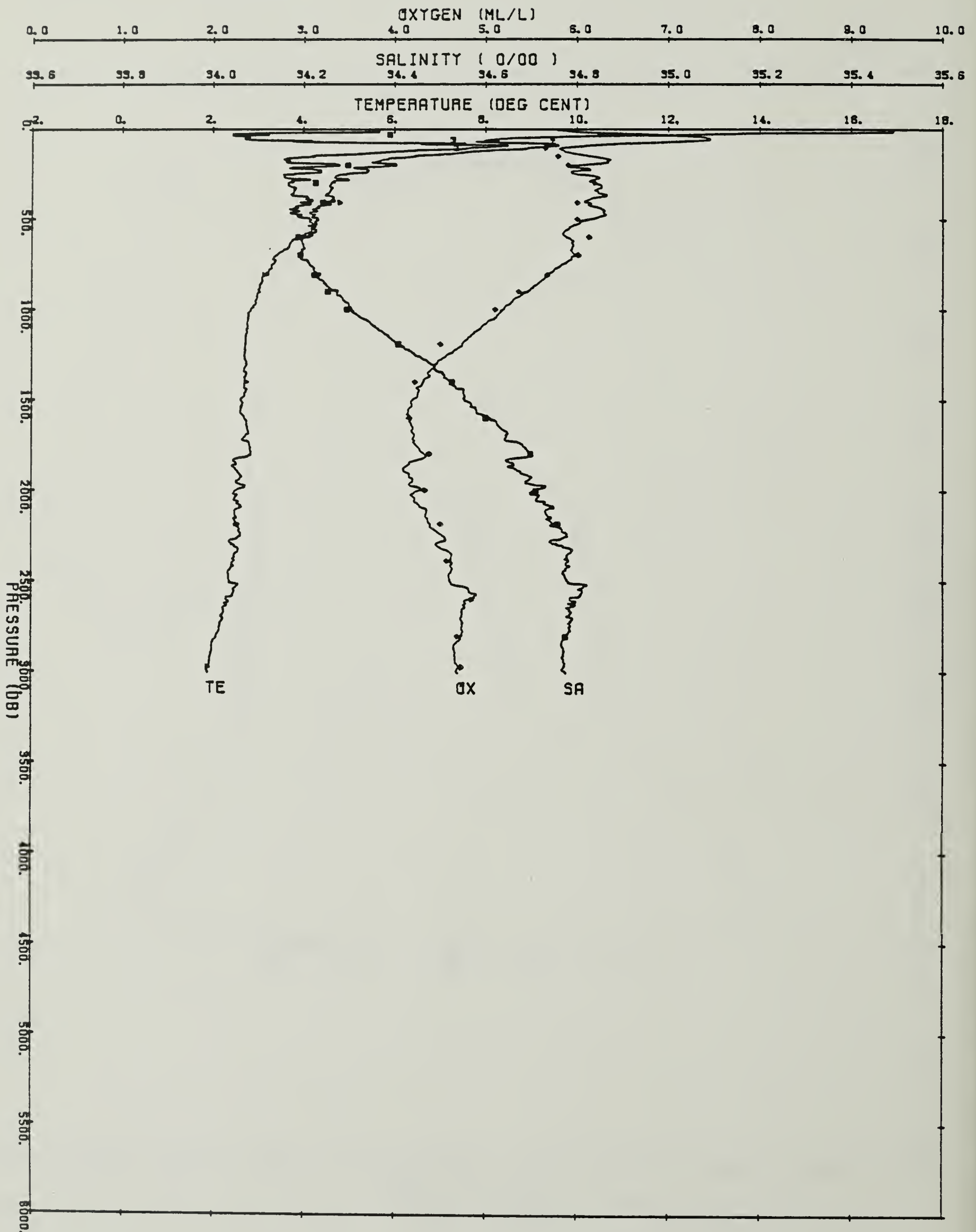
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ST 54



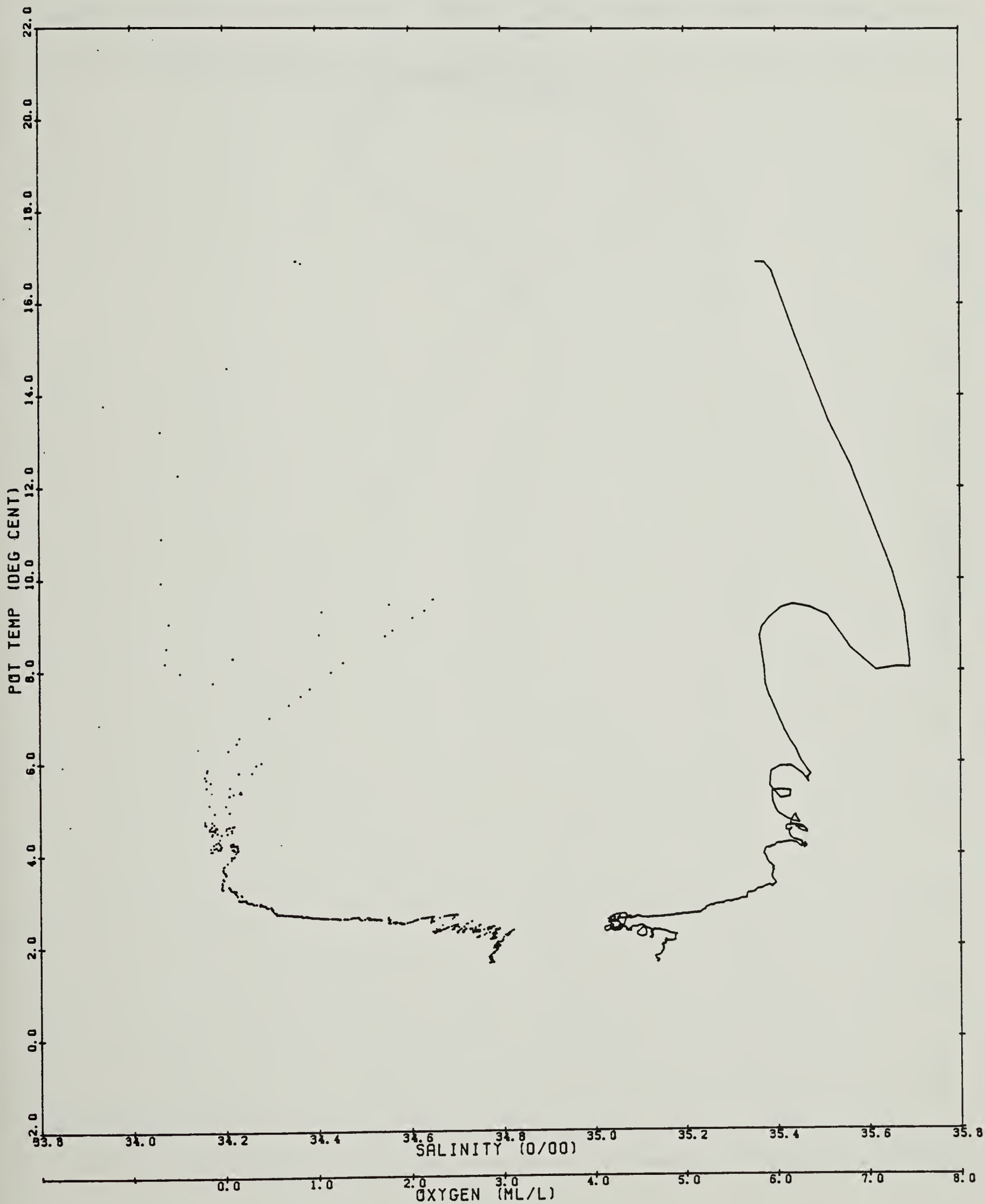
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ST 55



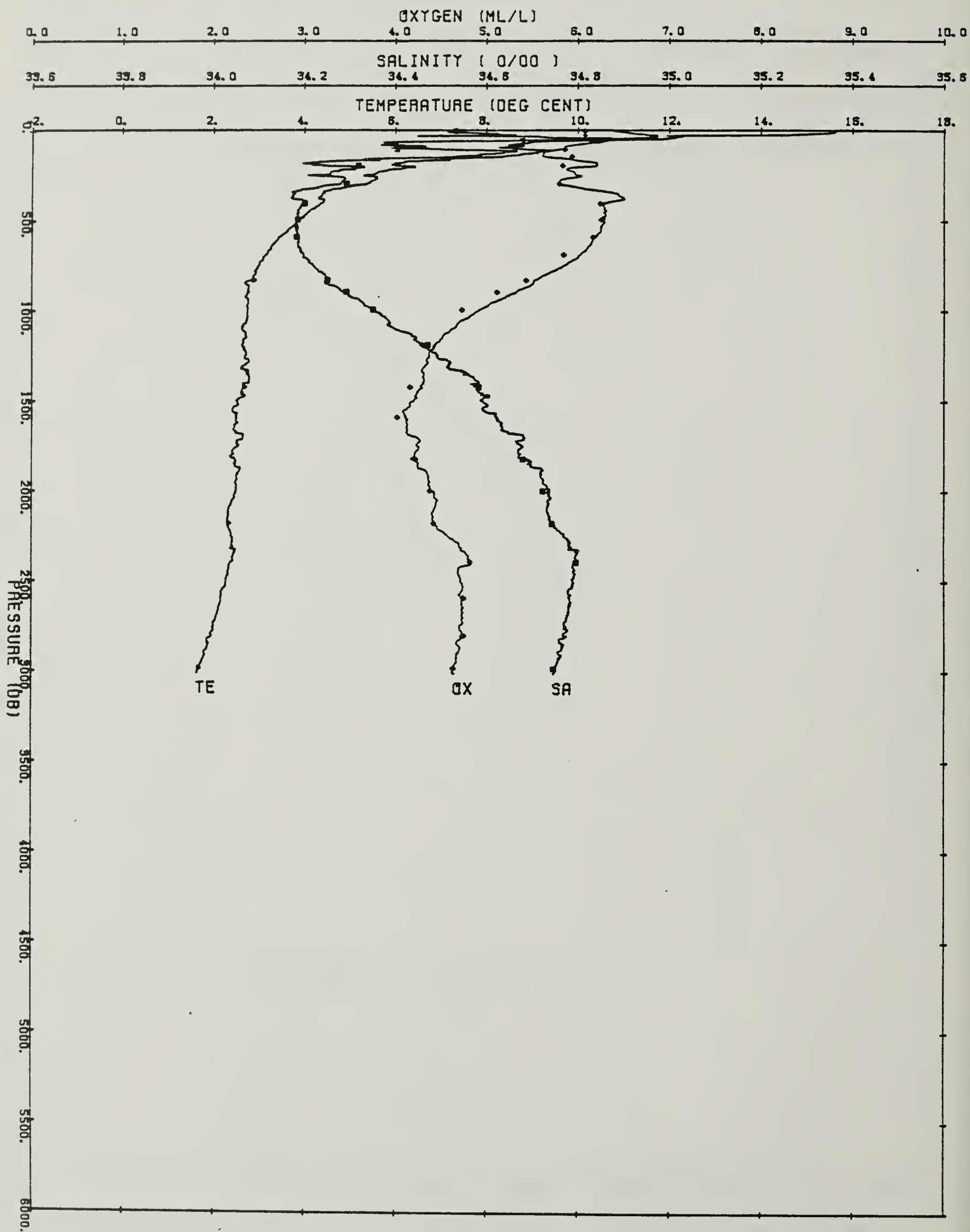
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ST 55



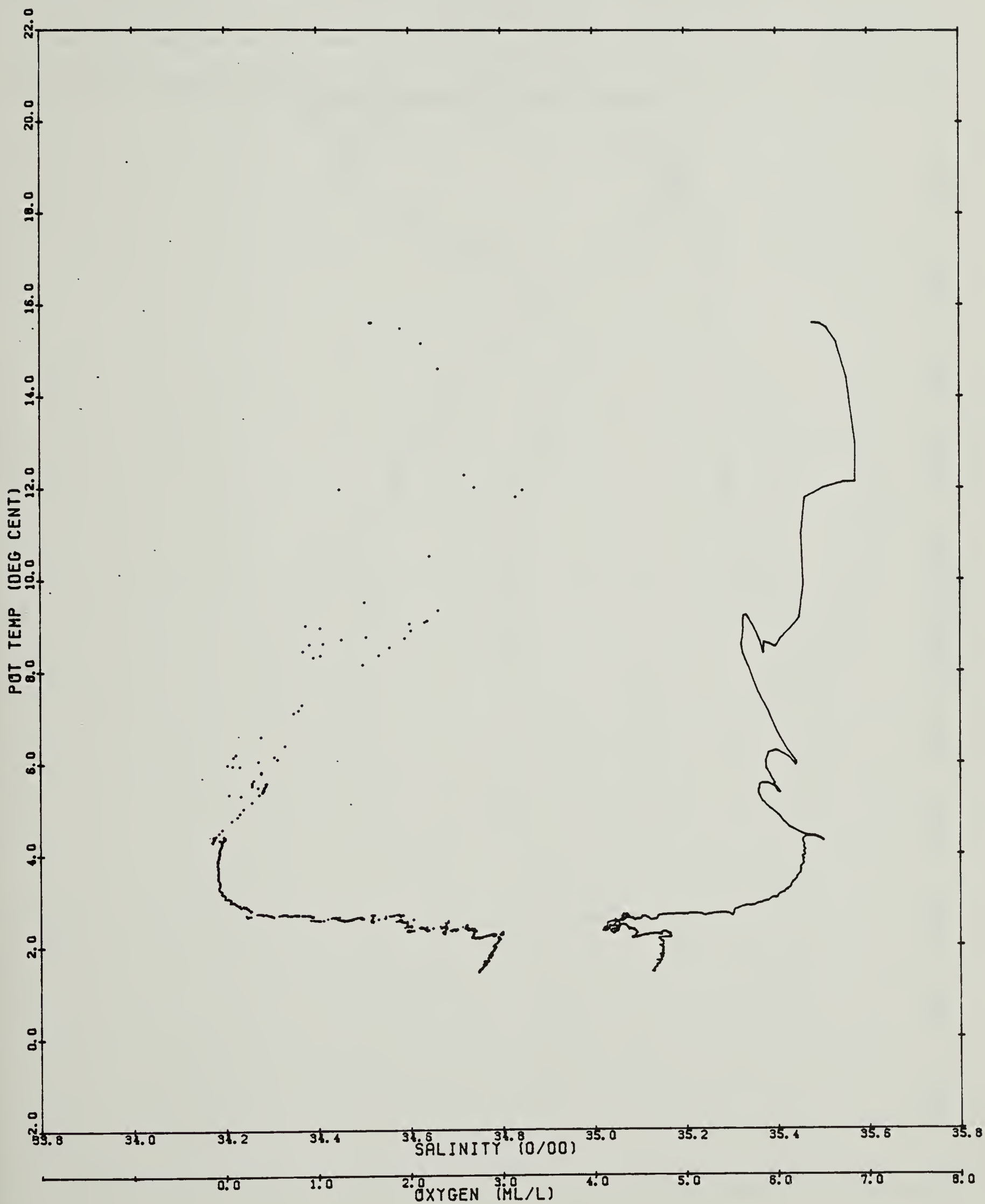
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ST 56



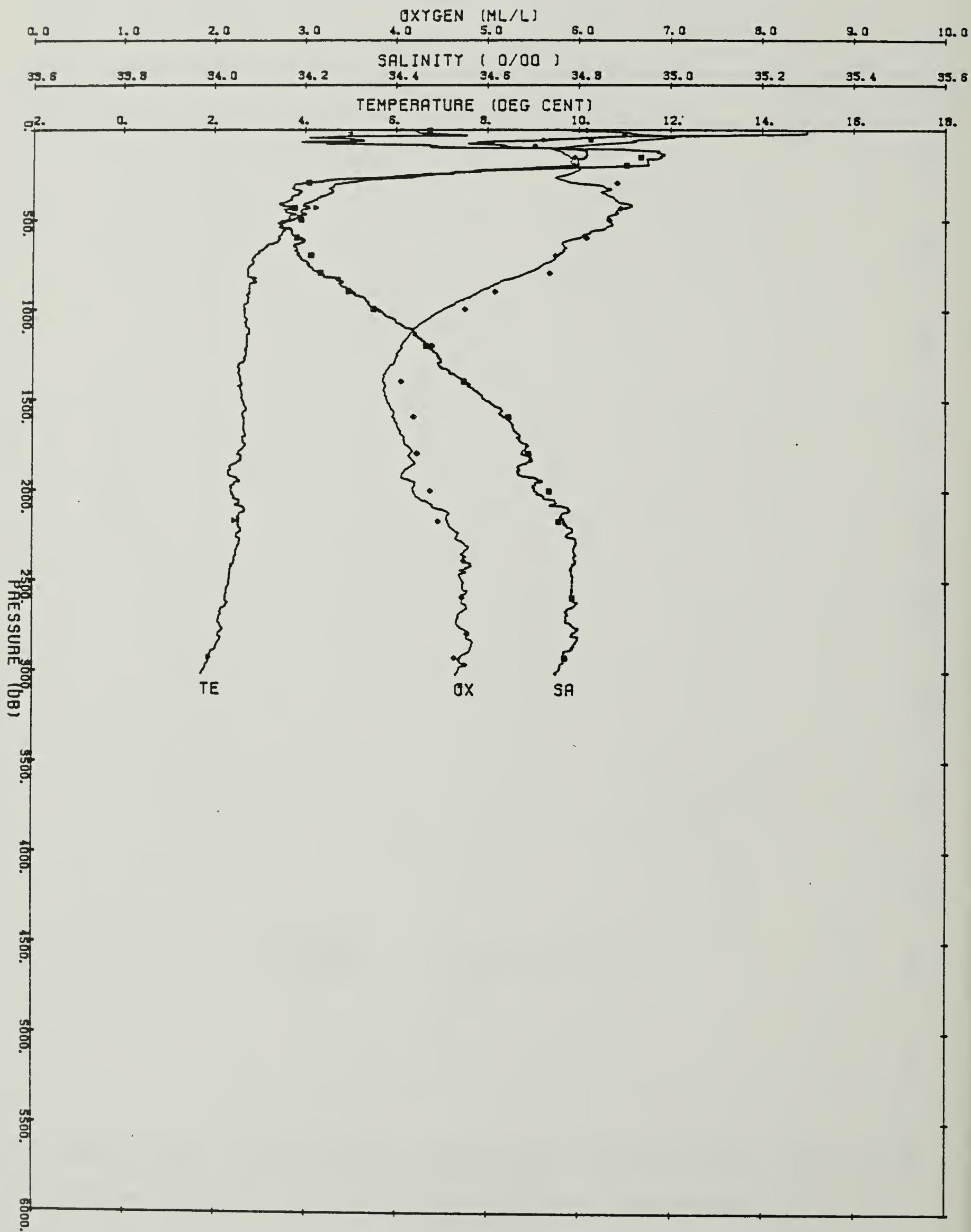
AT107

ST 56



AT107

ST 57



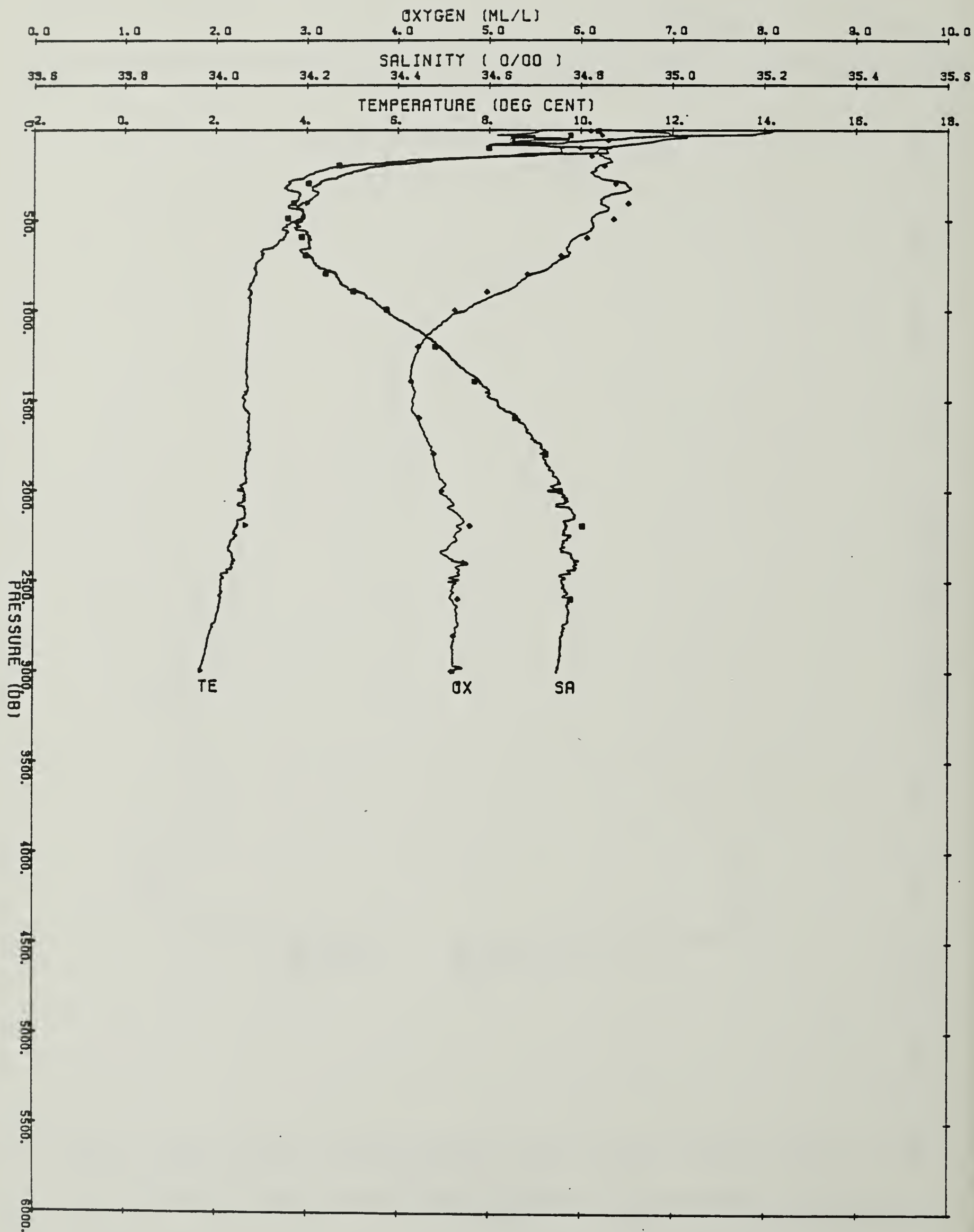
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ST 57



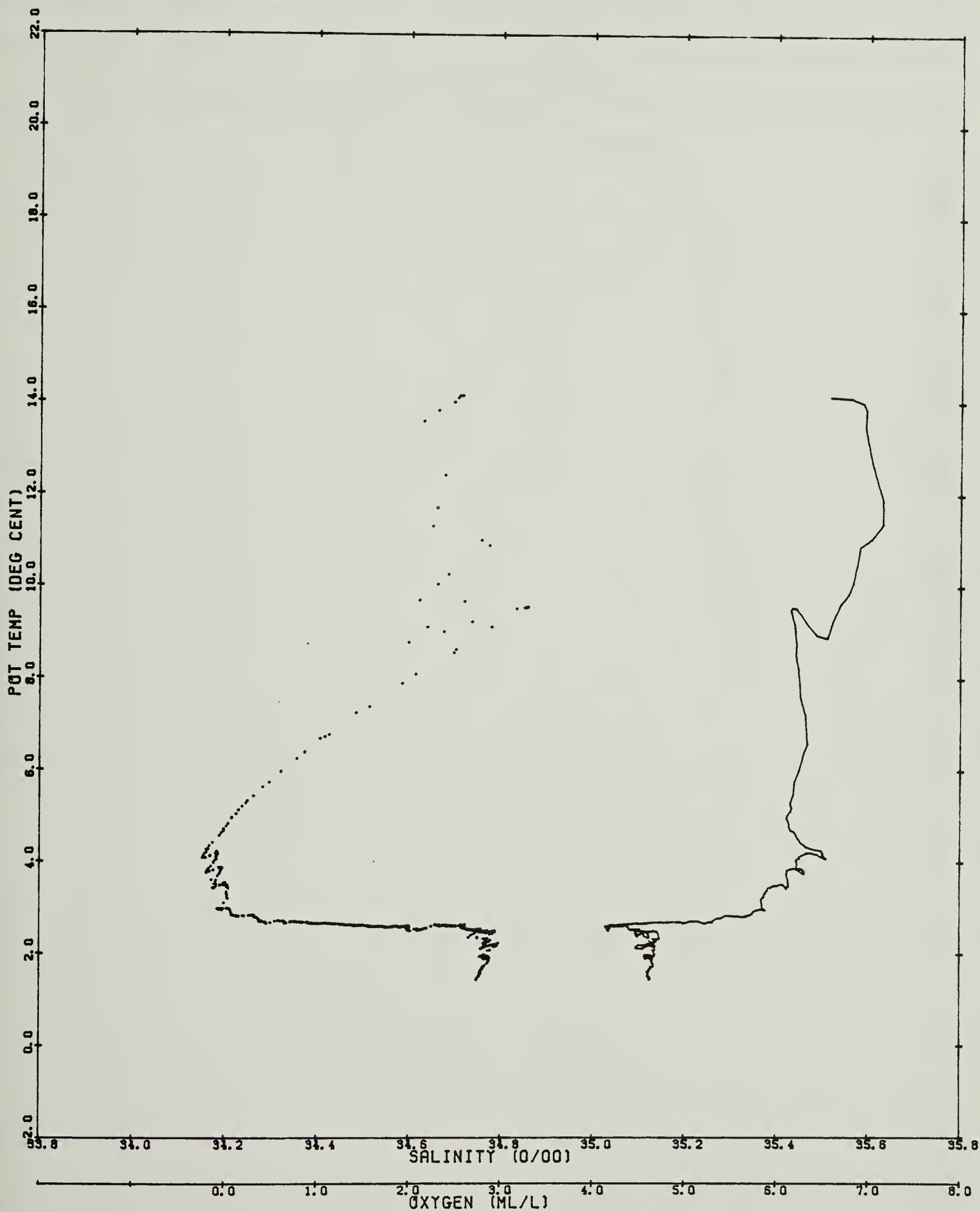
AT107

ST 58



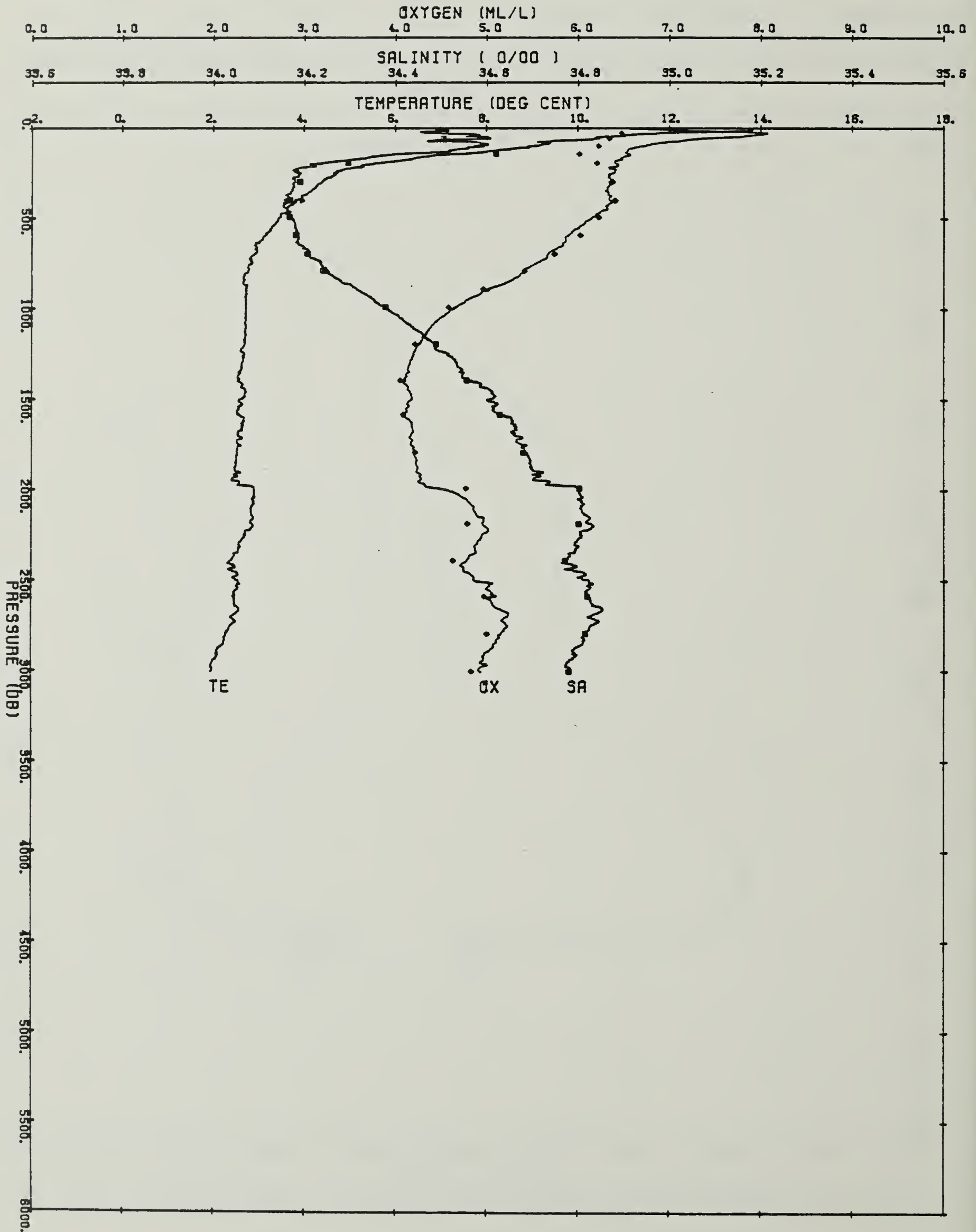
AT107

ST 58



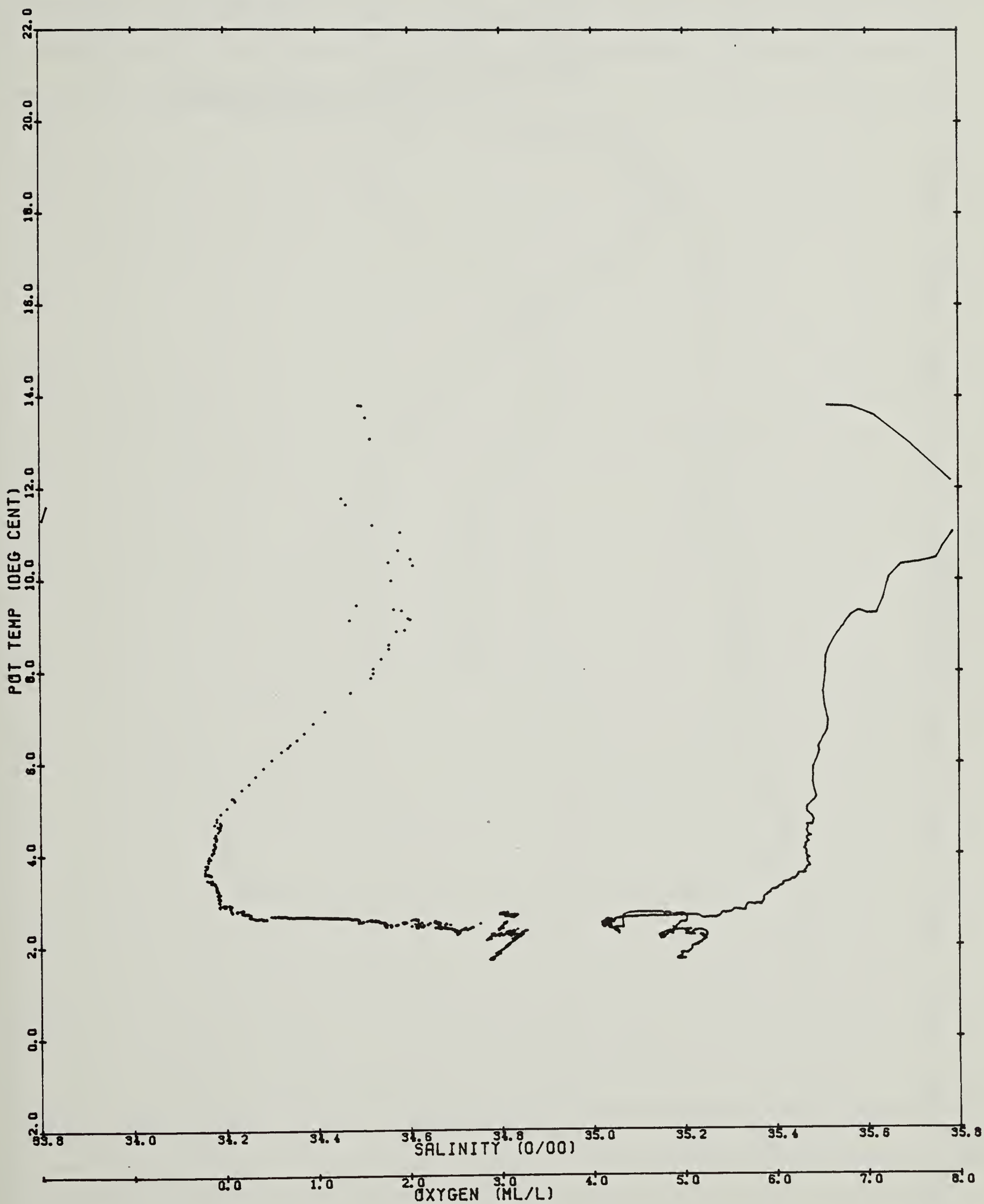
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ST 59



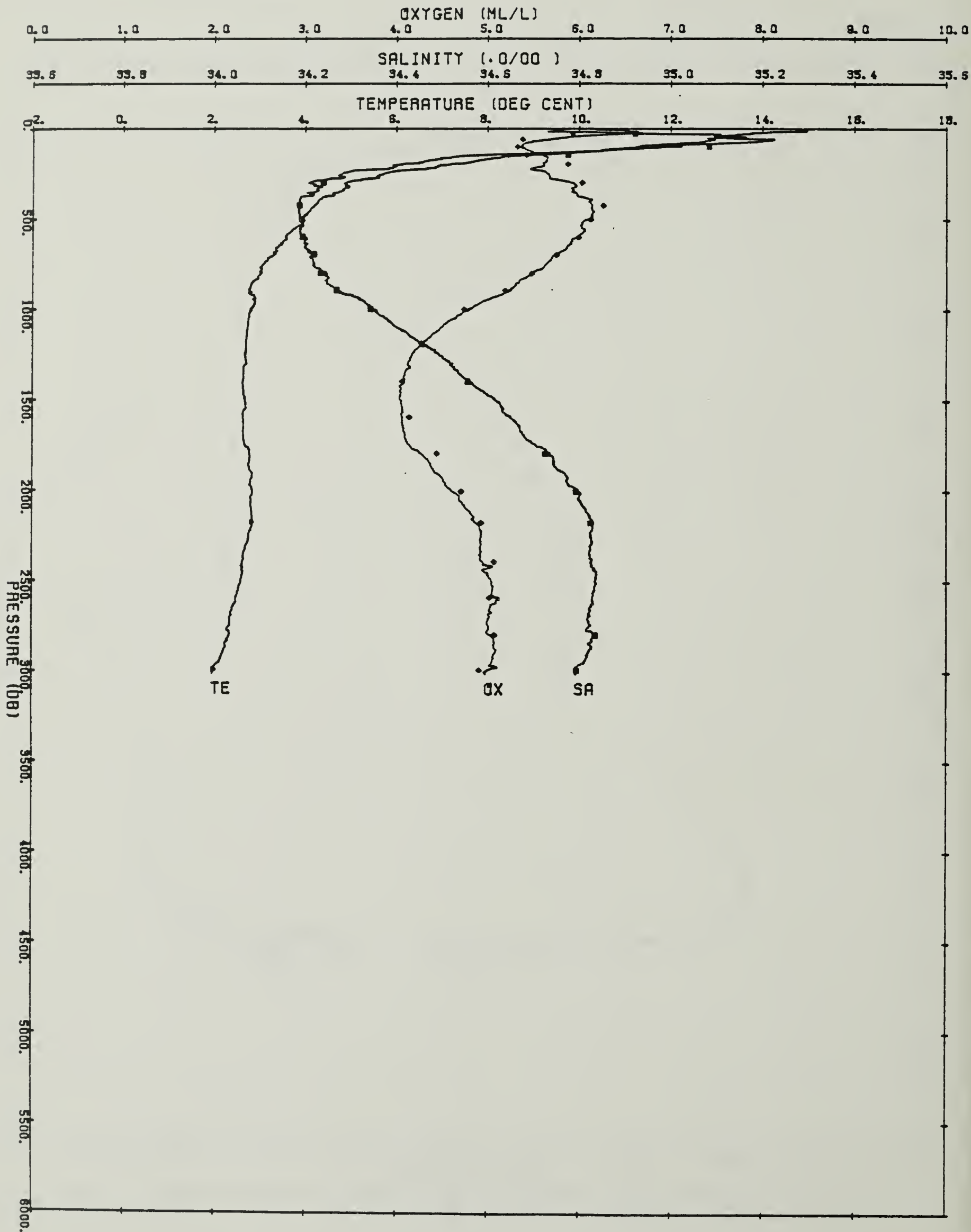
AT107

ST 59



AT107

ST 60



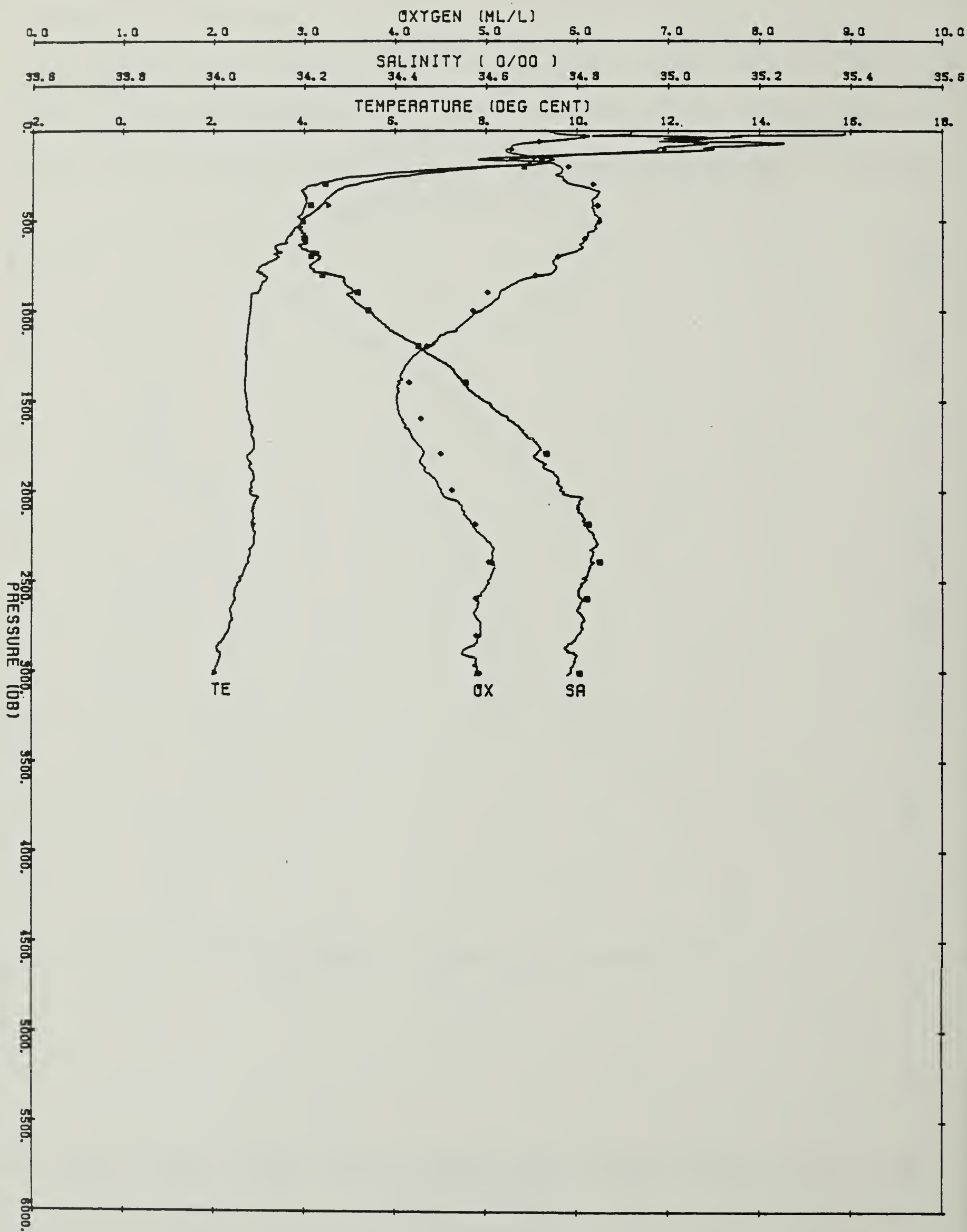
AT107

ST 60



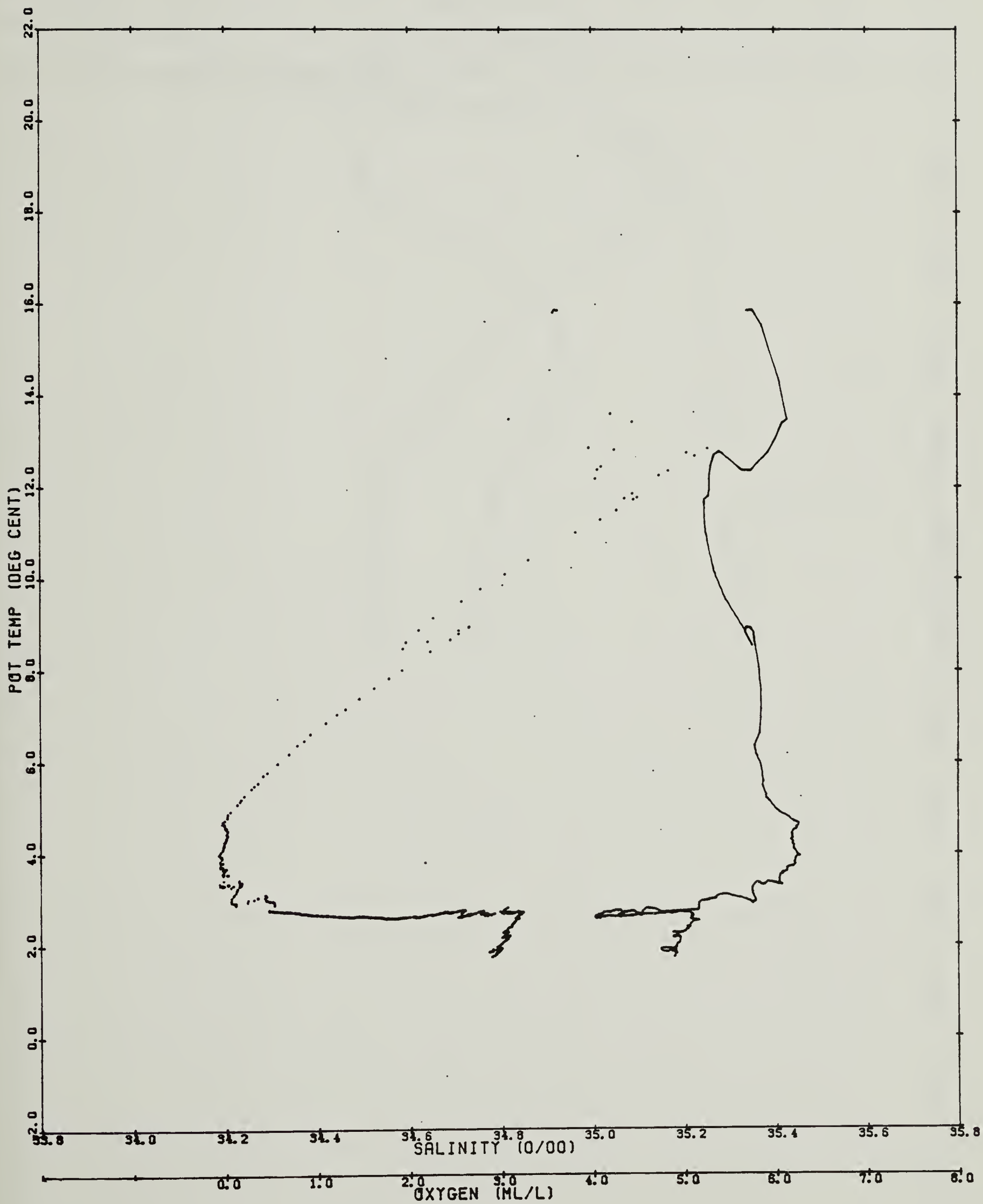
AT107

ST 61



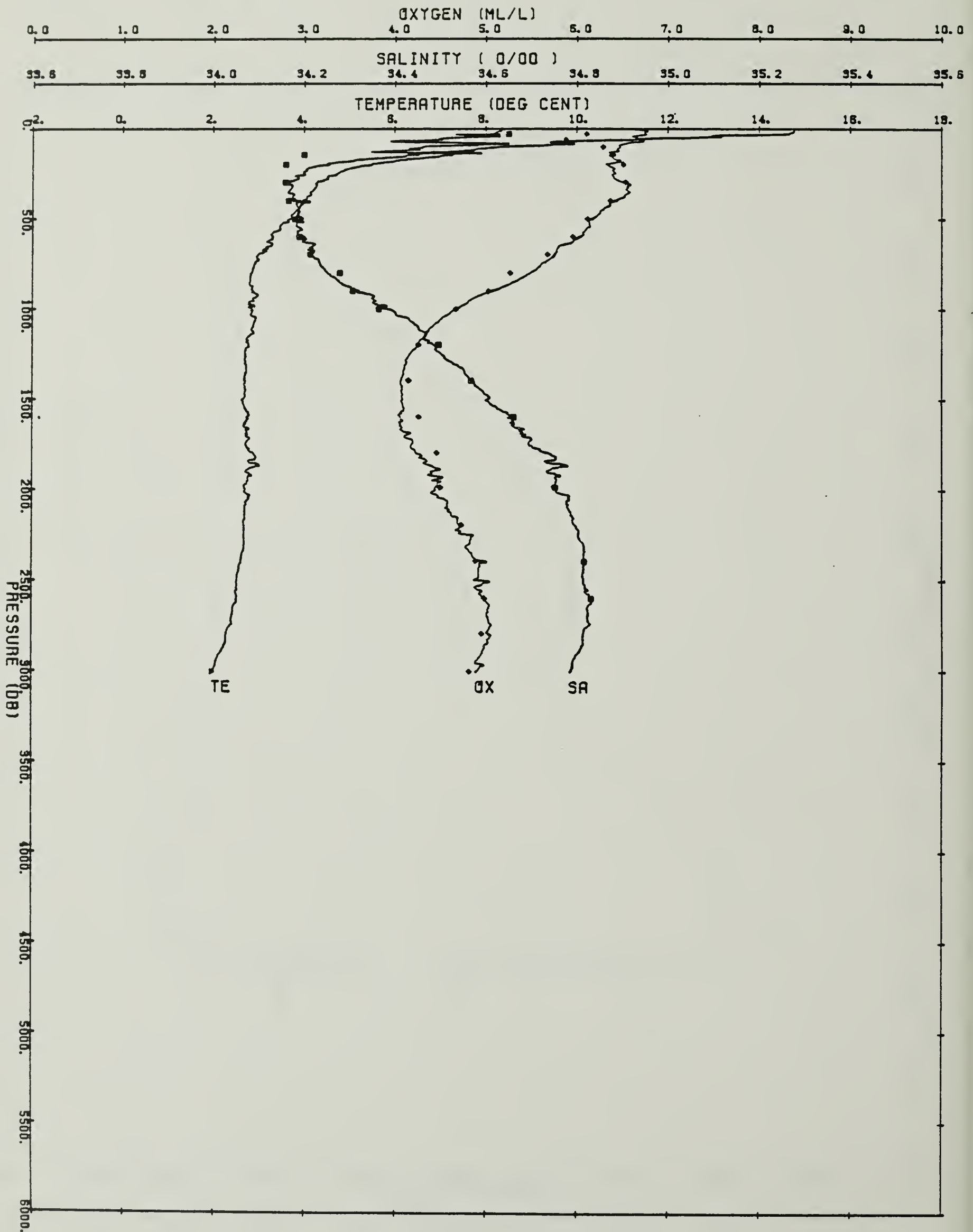
AT107

ST 61



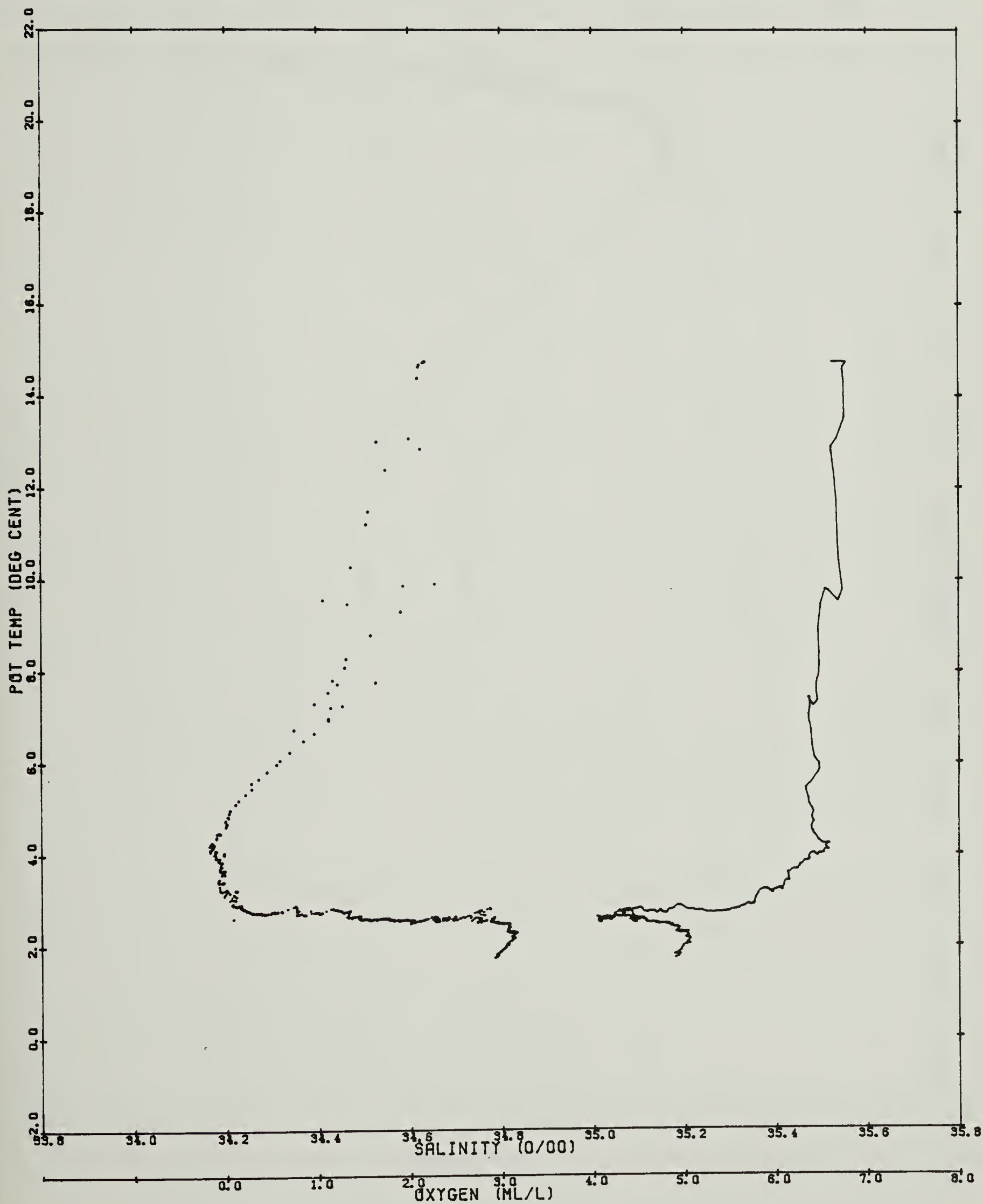
AT107

ST 63



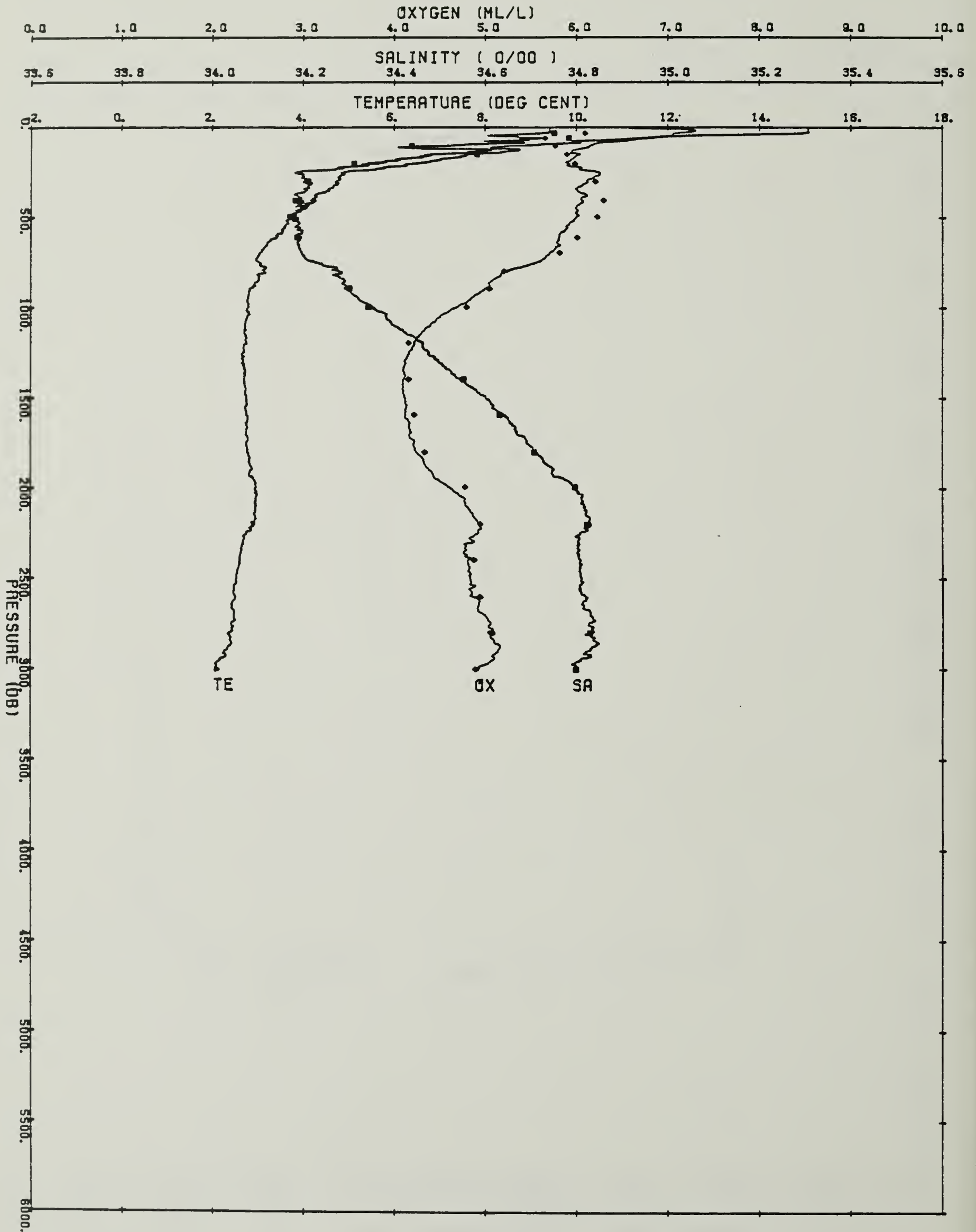
AT107

ST 63



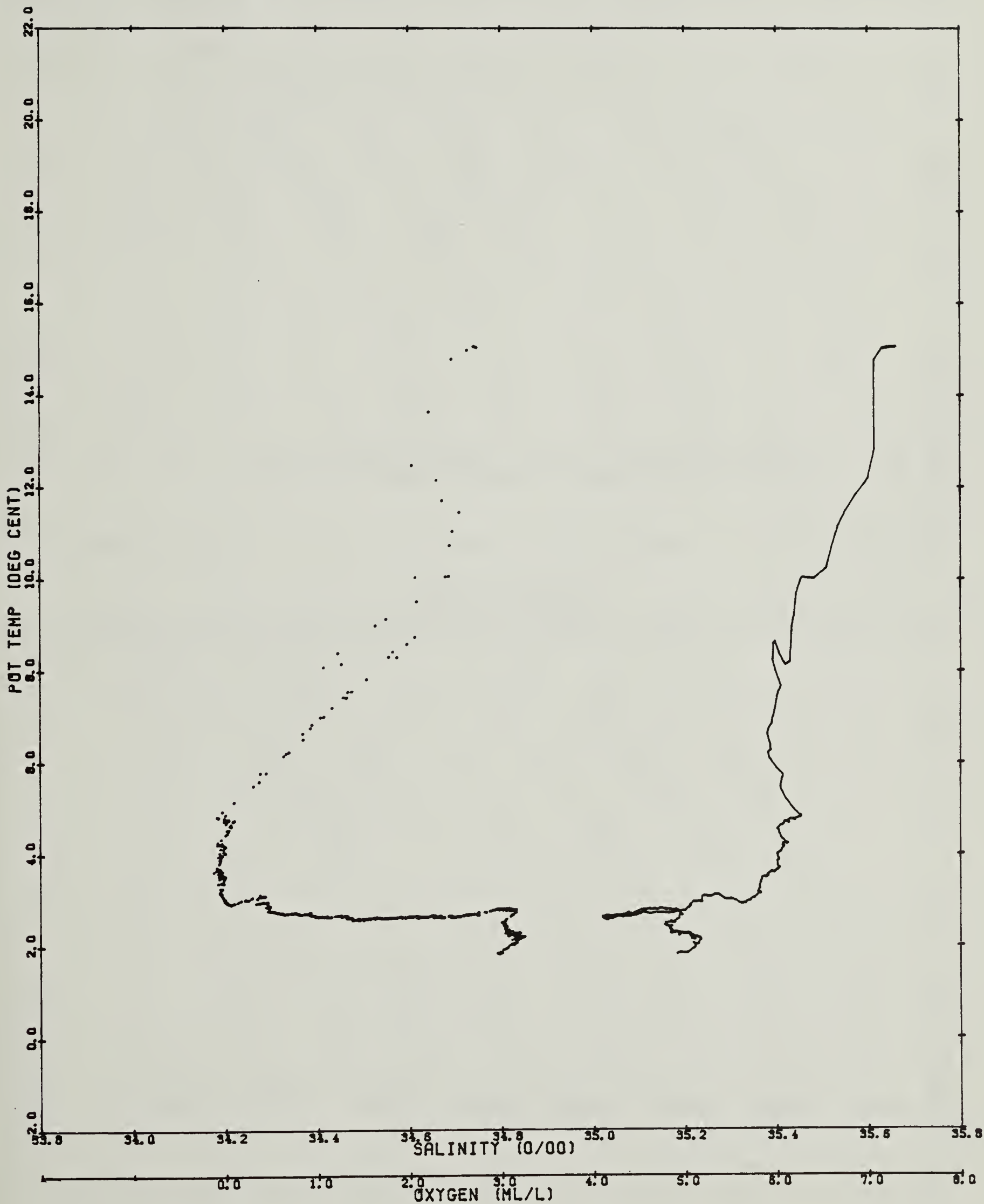
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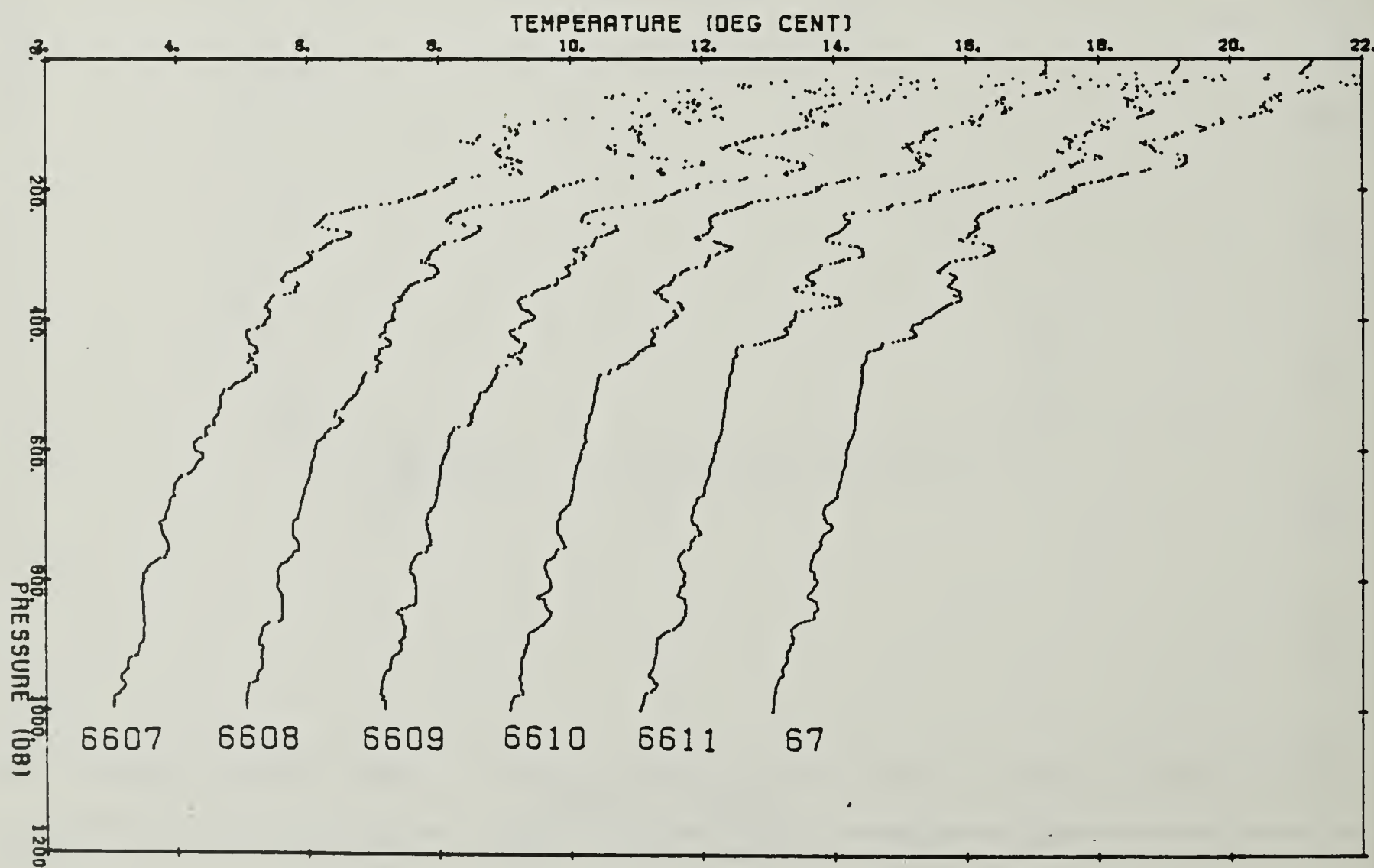
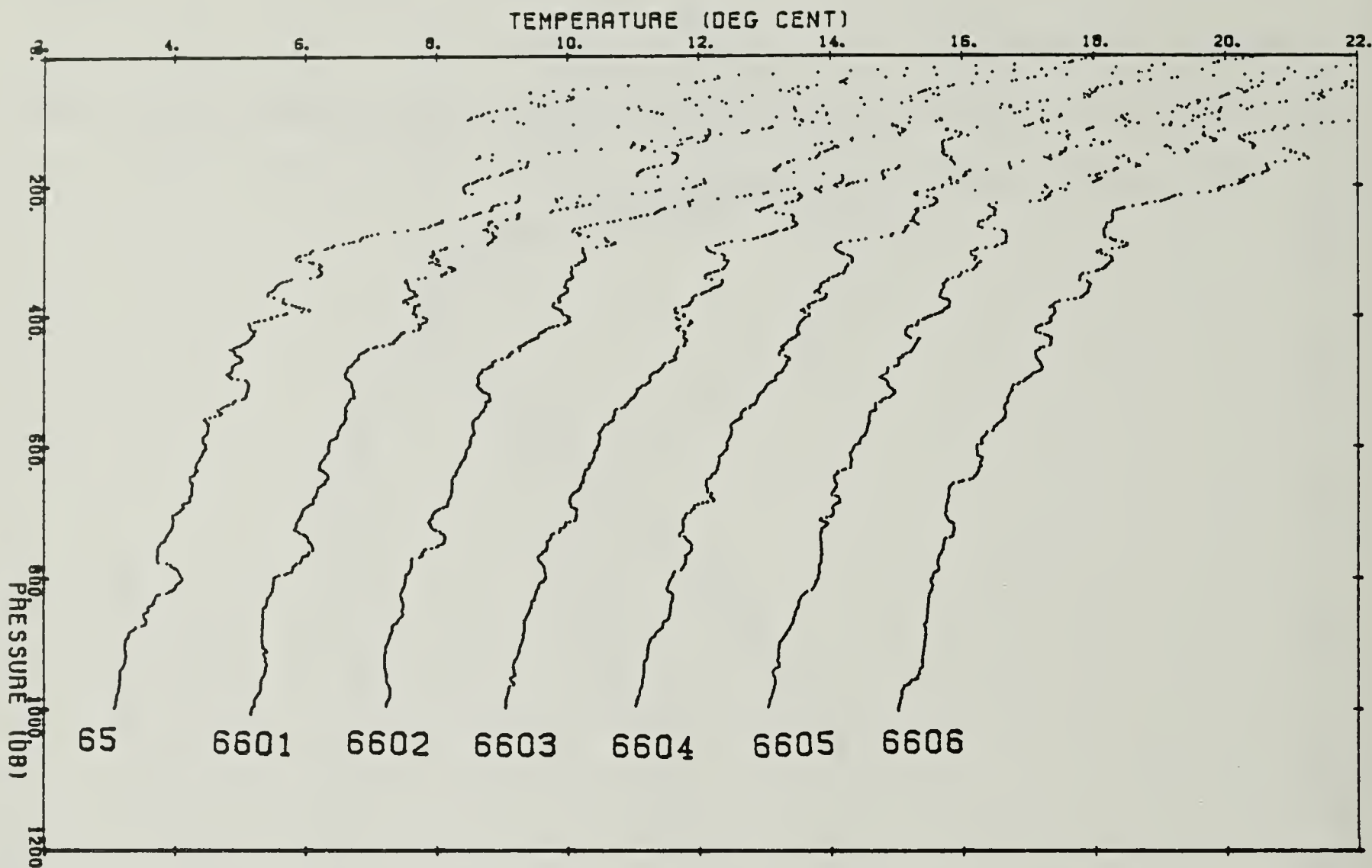
ST 64

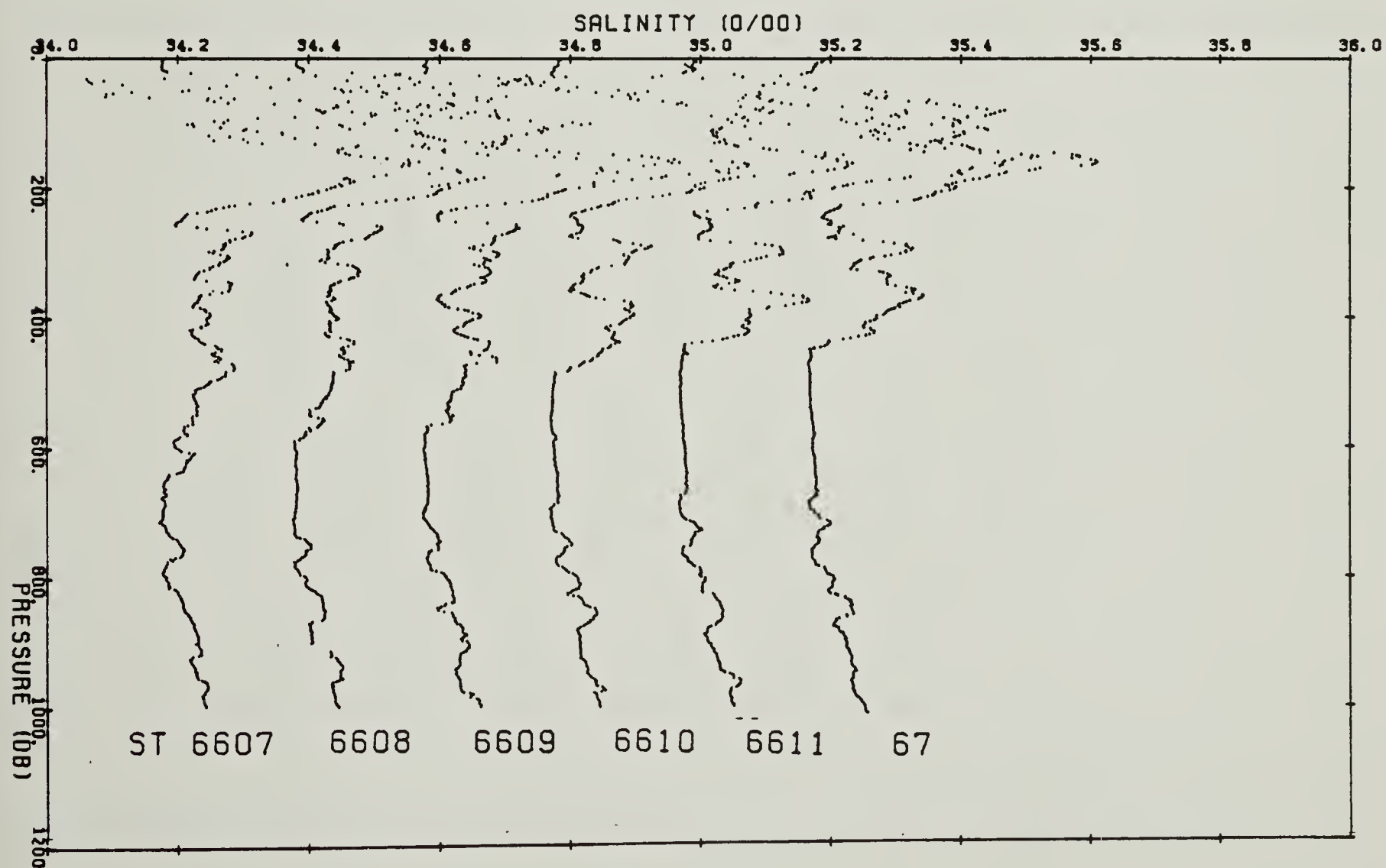
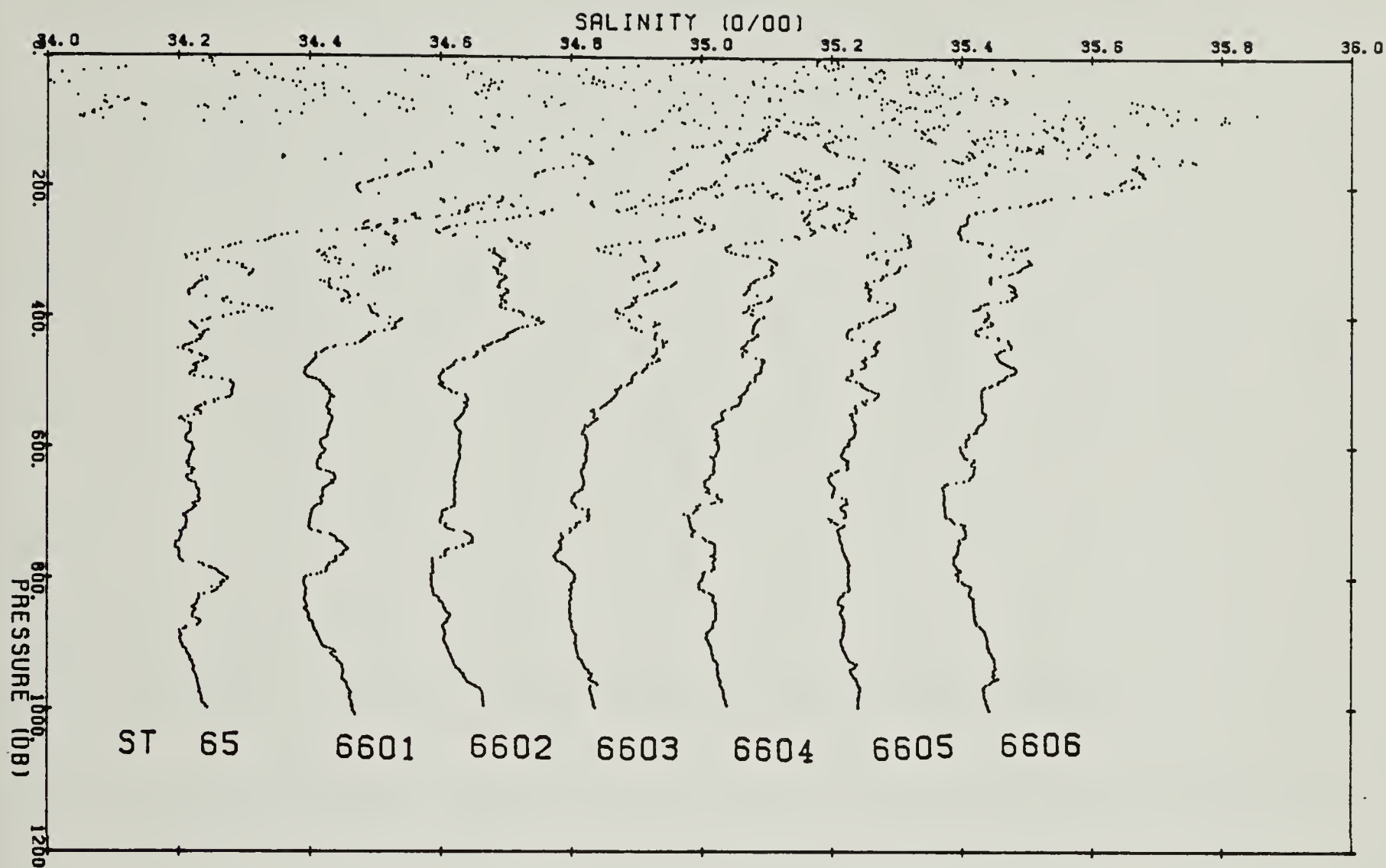


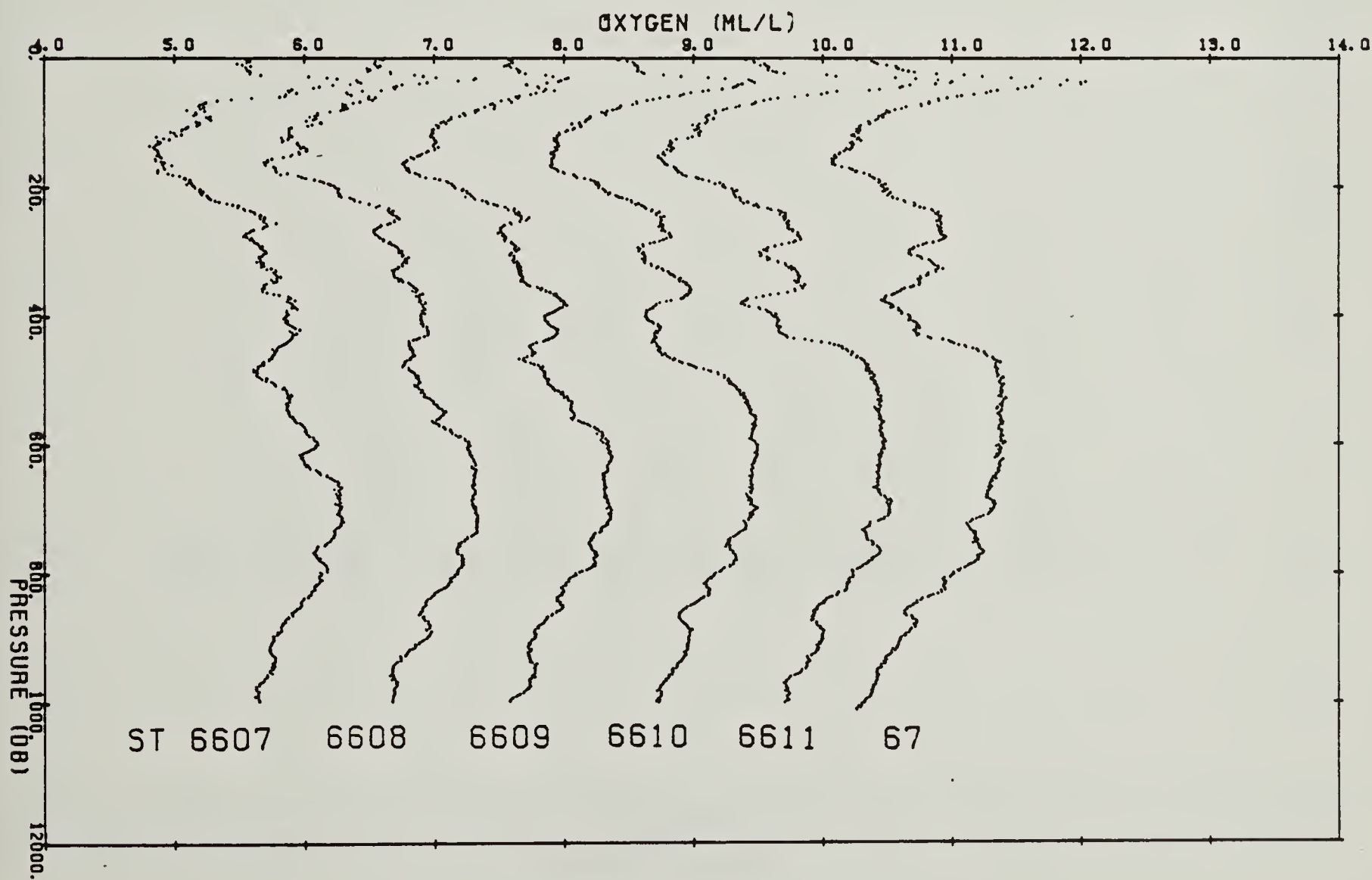
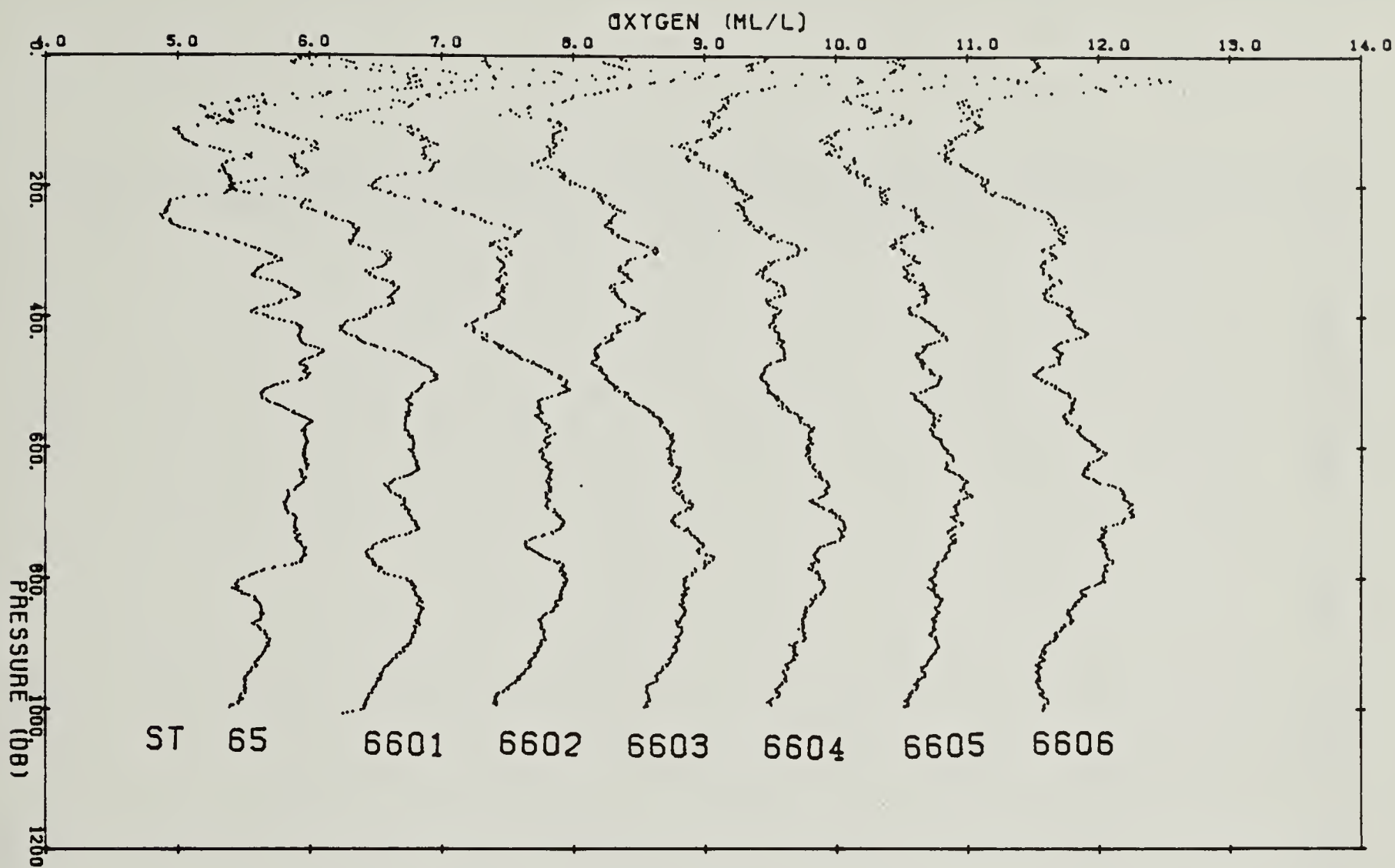
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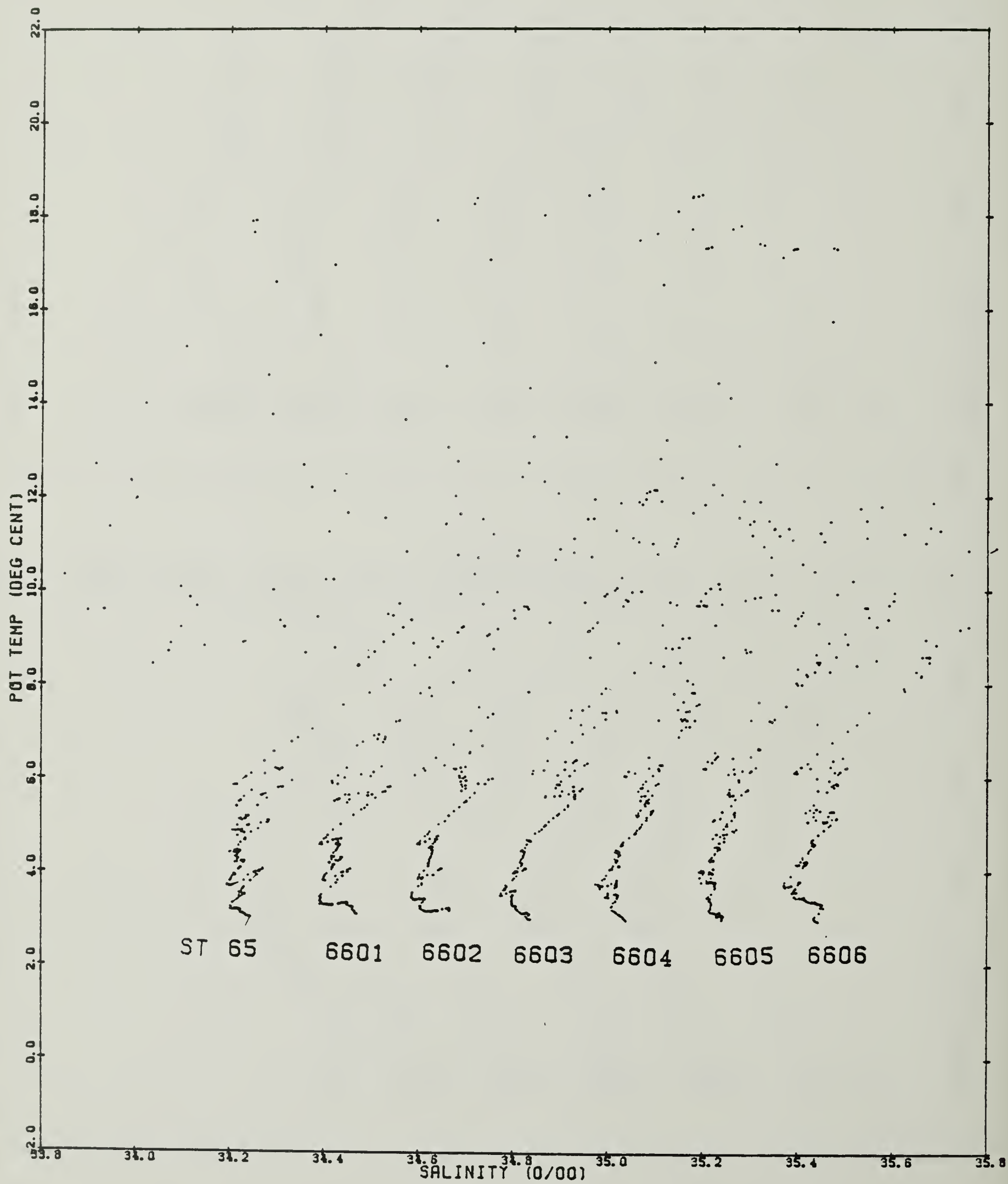
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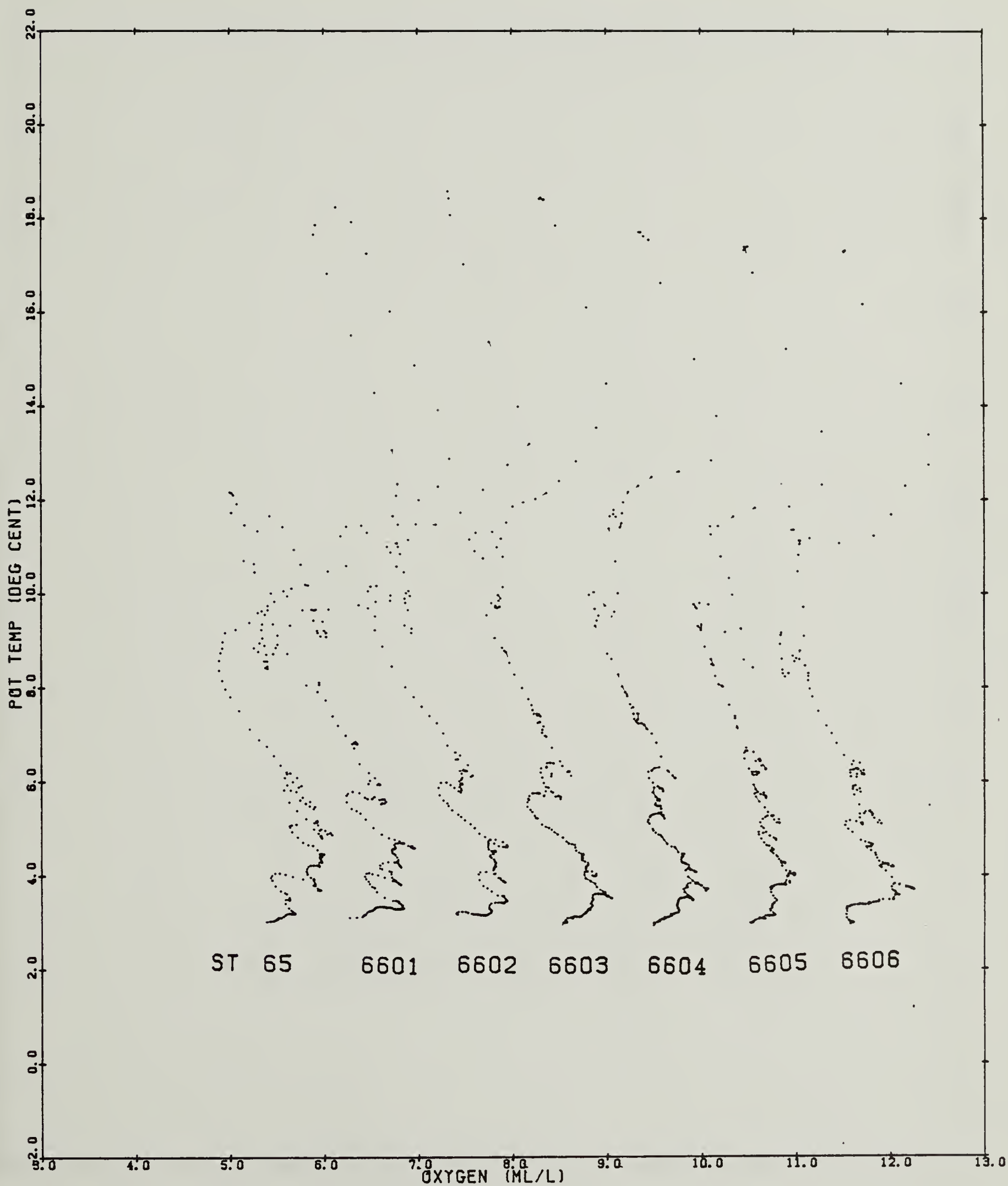


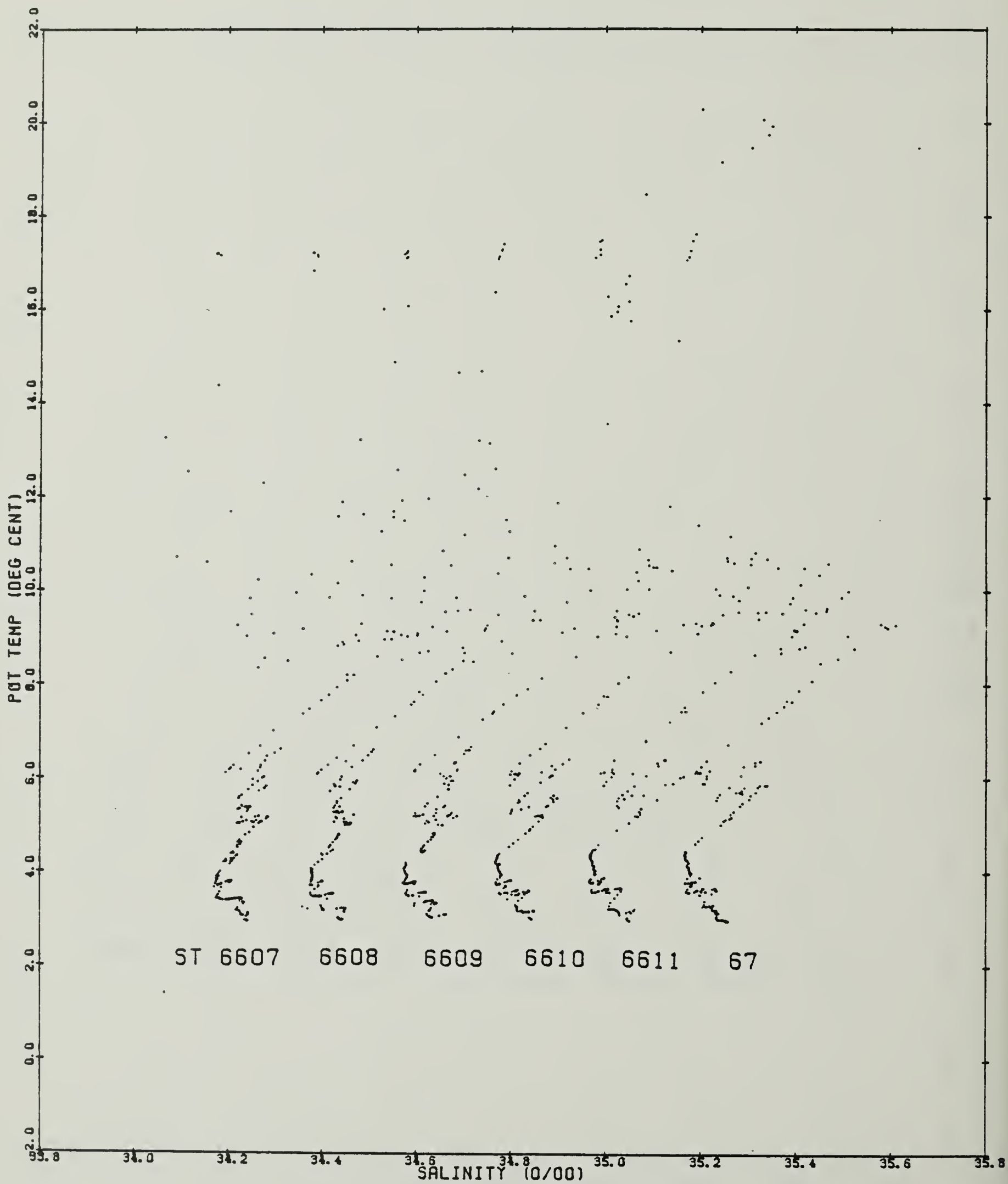


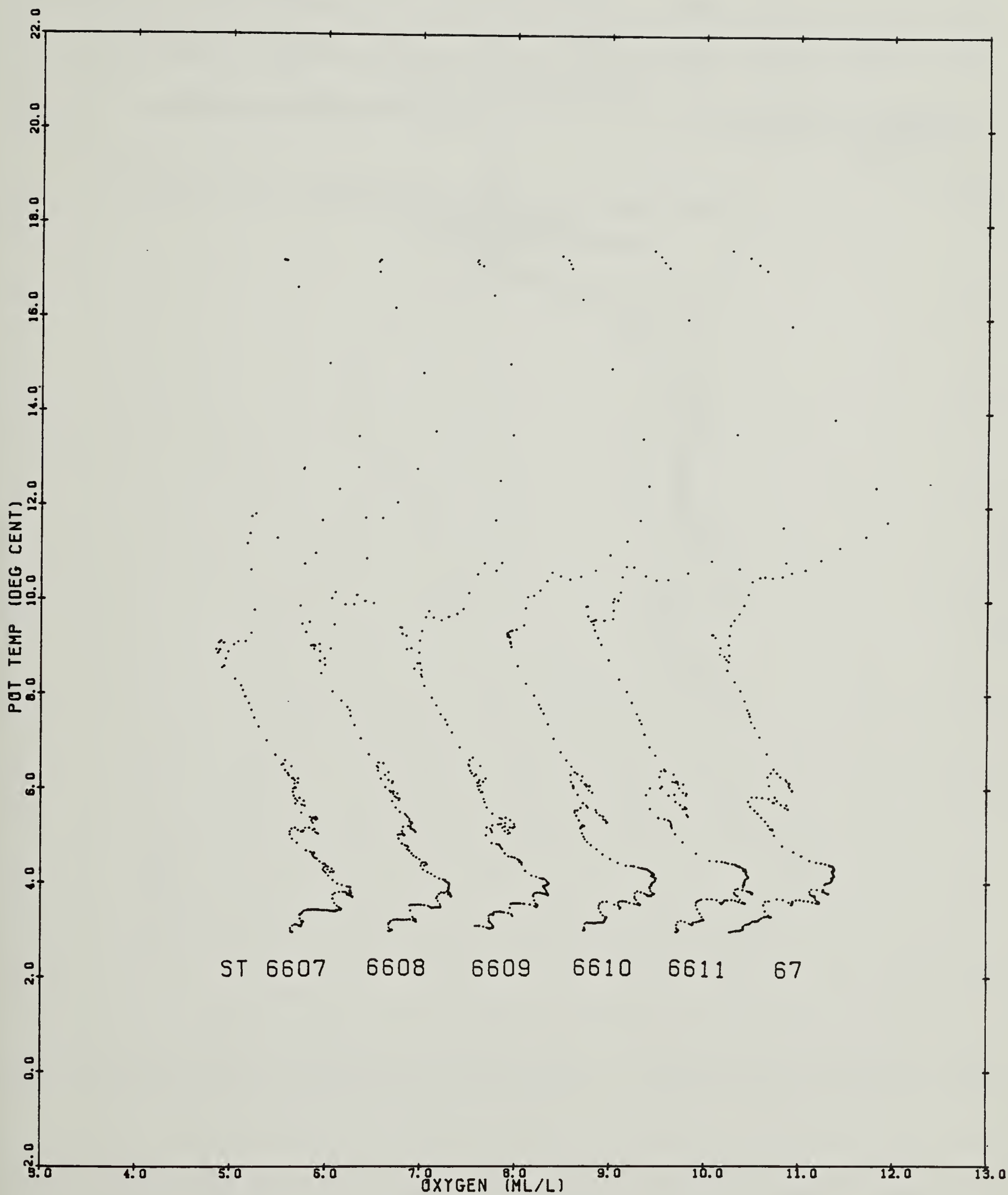






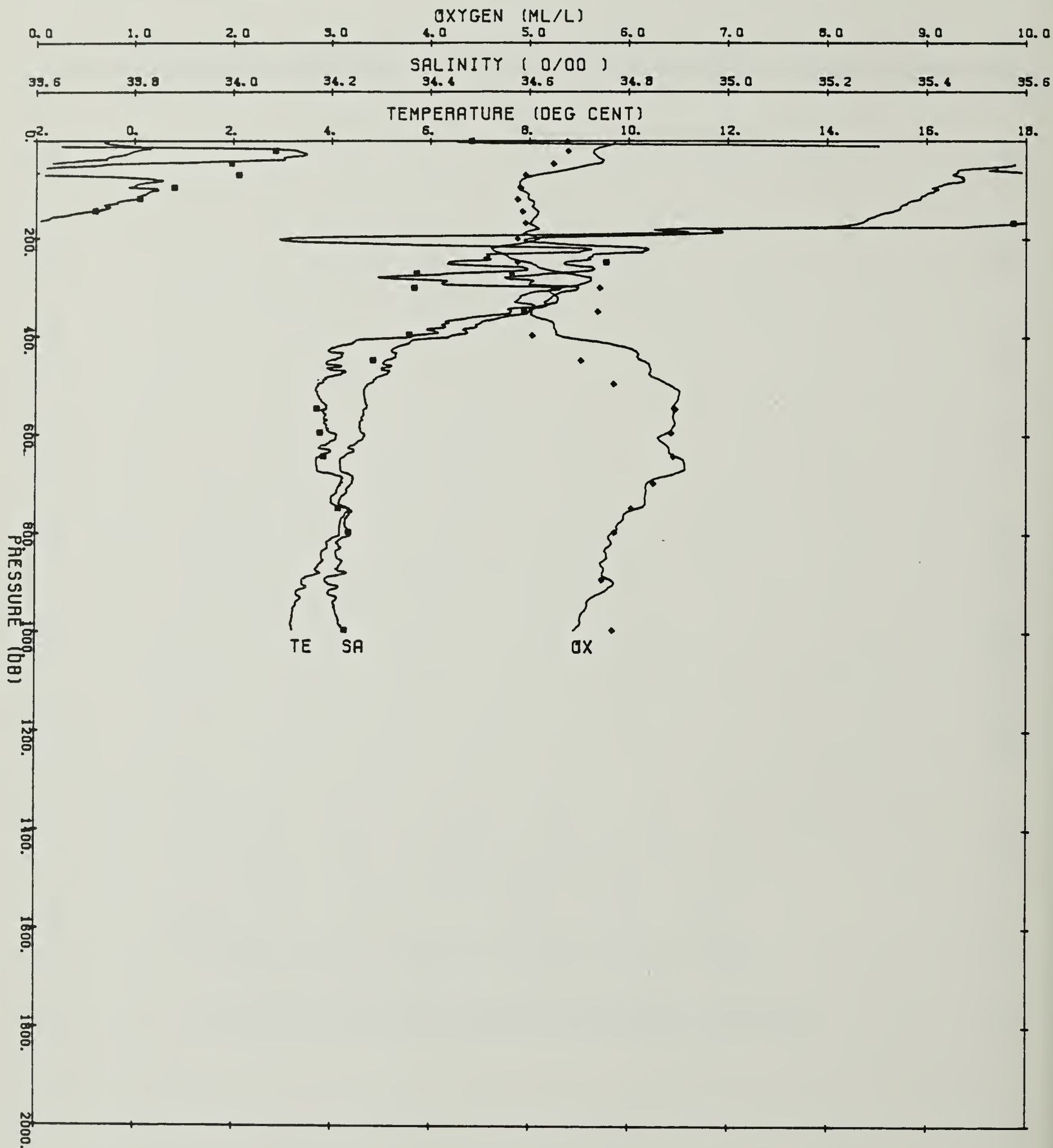






AT107

ST 68



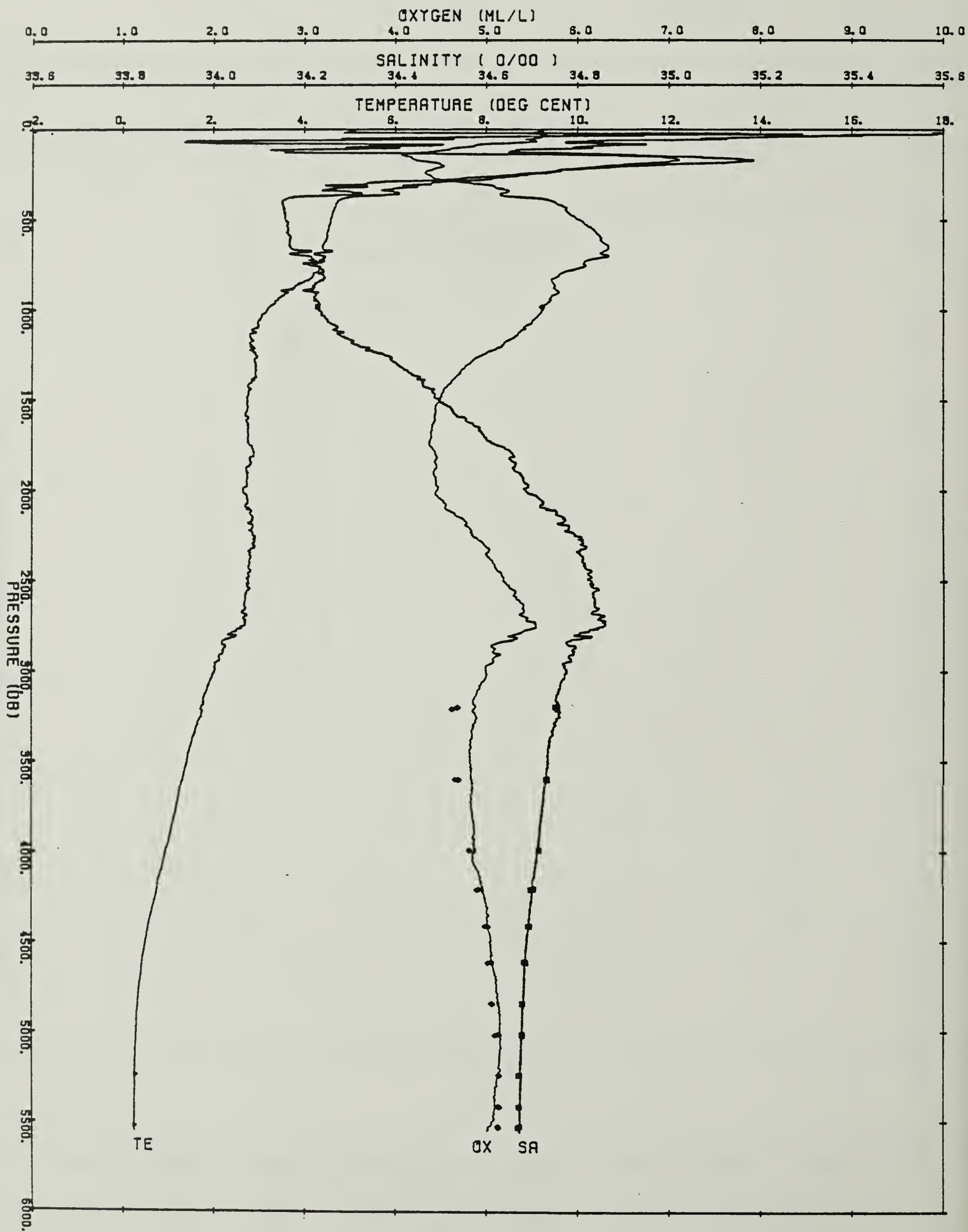
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ST 68



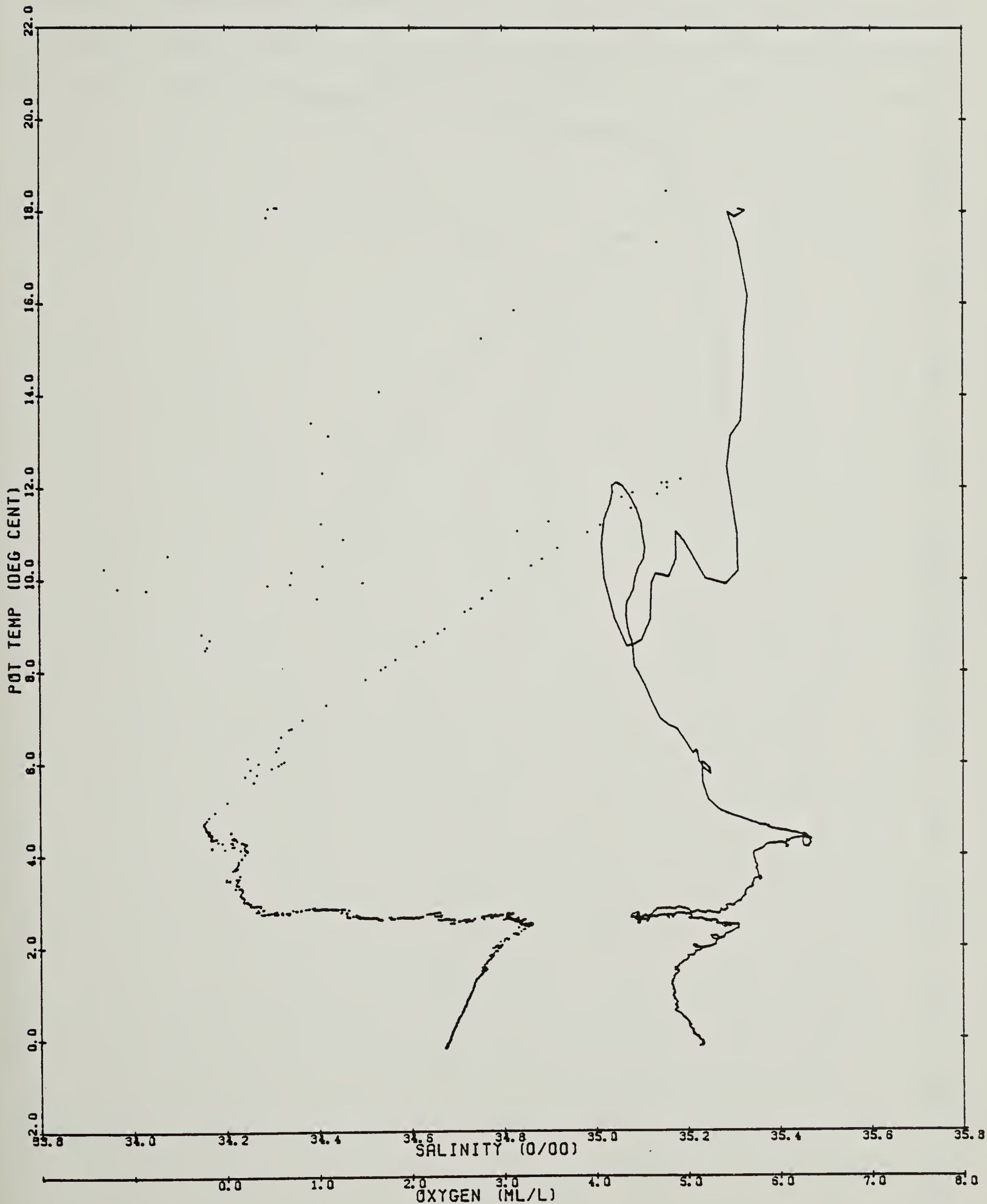
AT107

ST 69



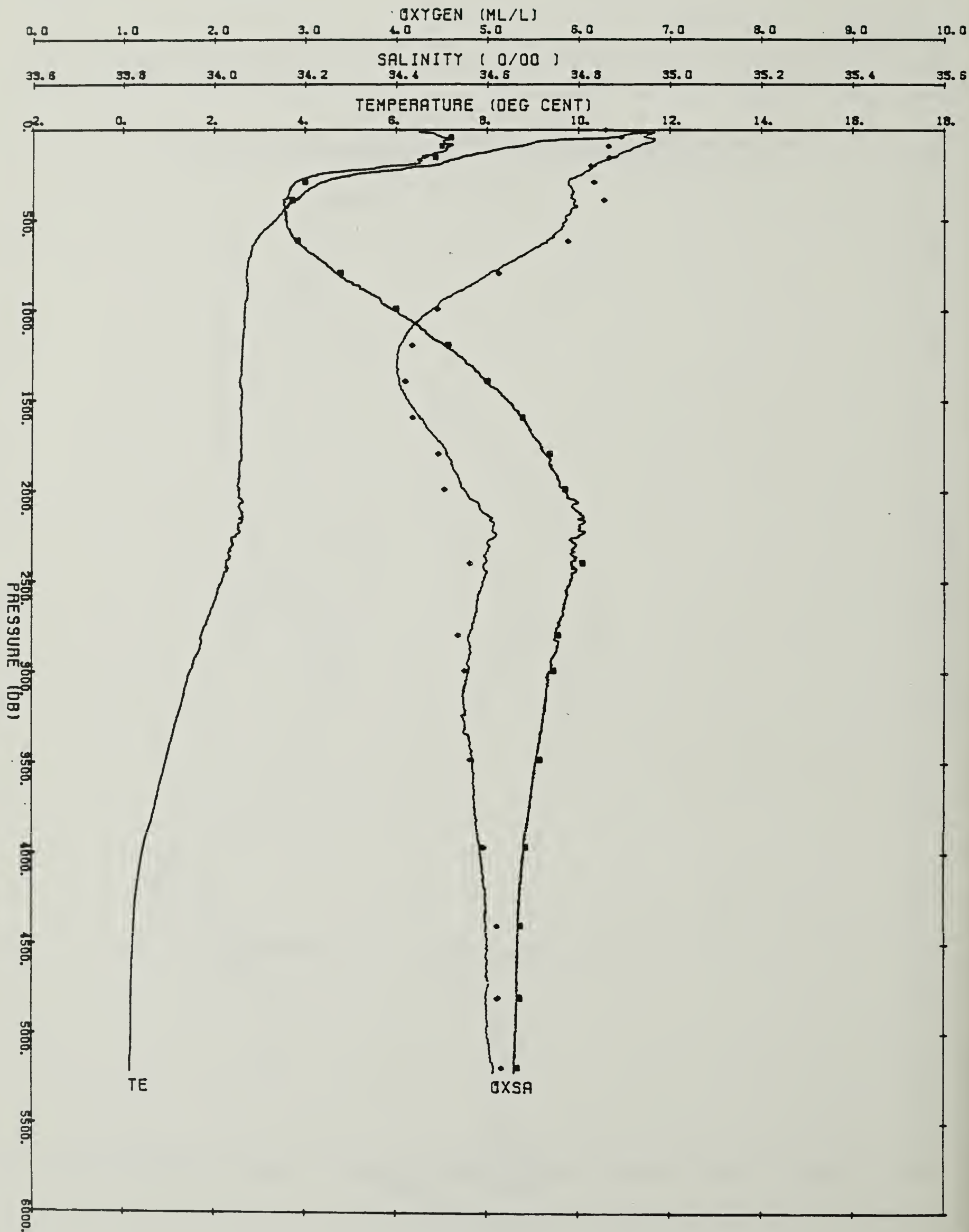
AT107

ST 69



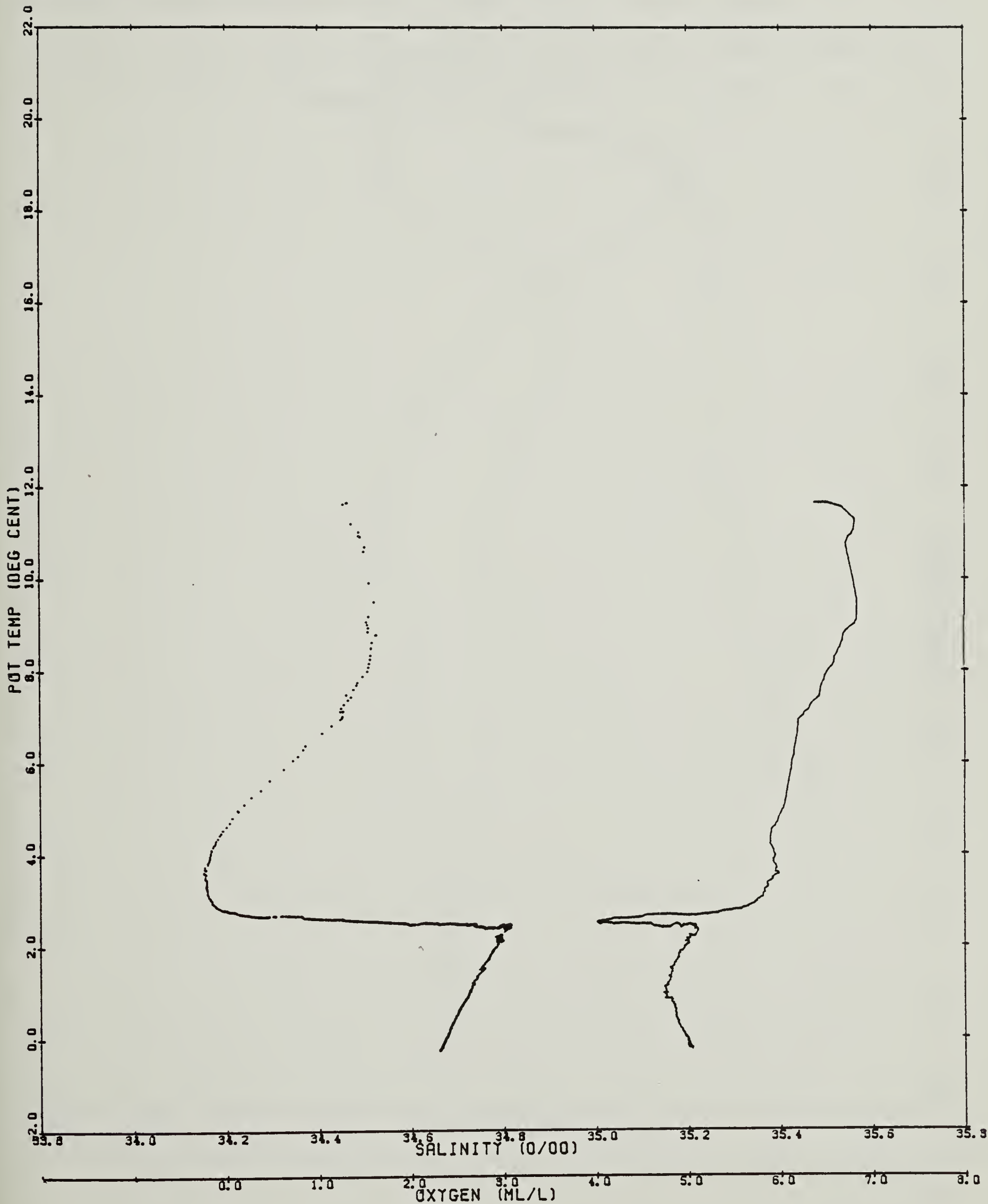
AT107

ST 70



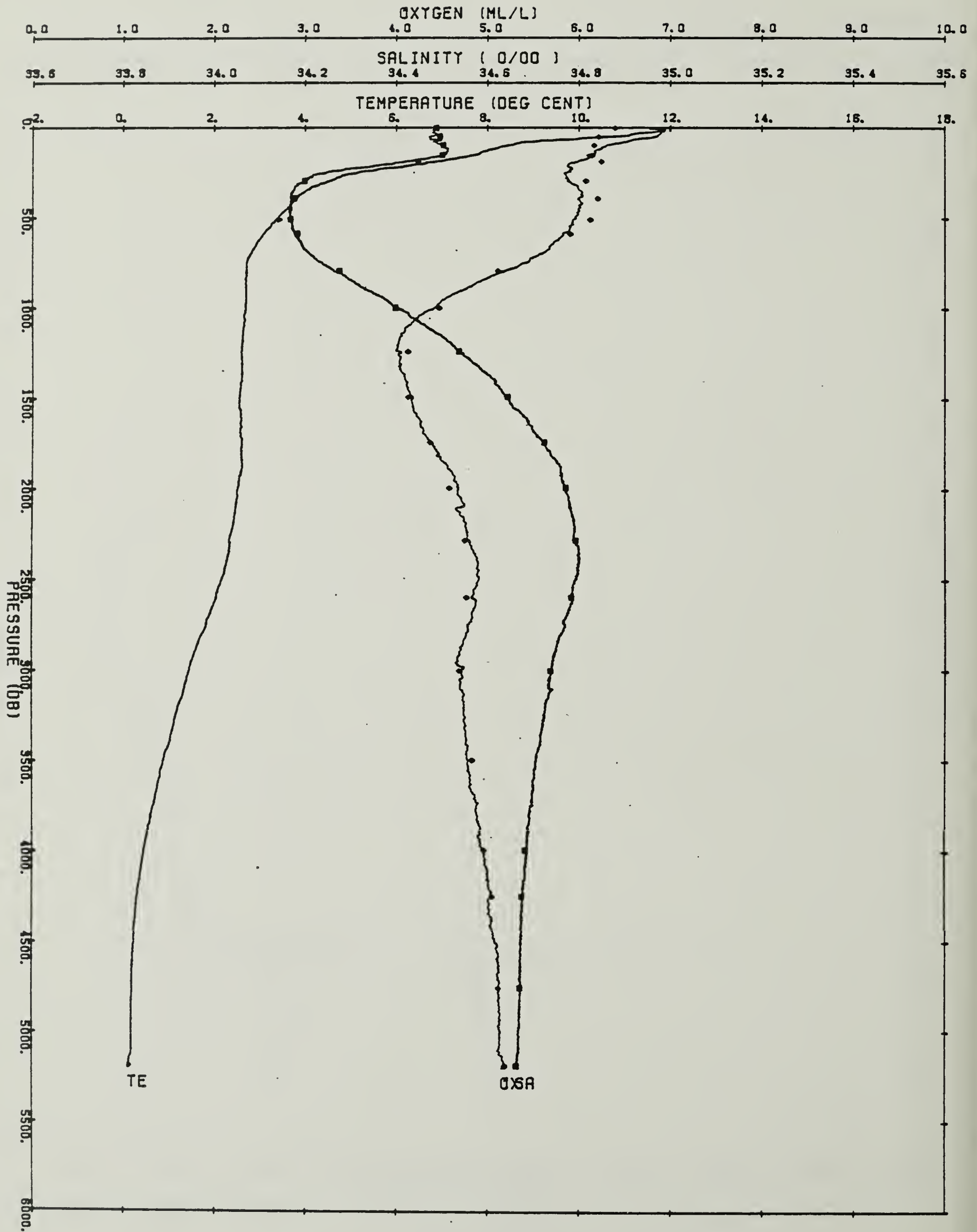
AT107

ST 70



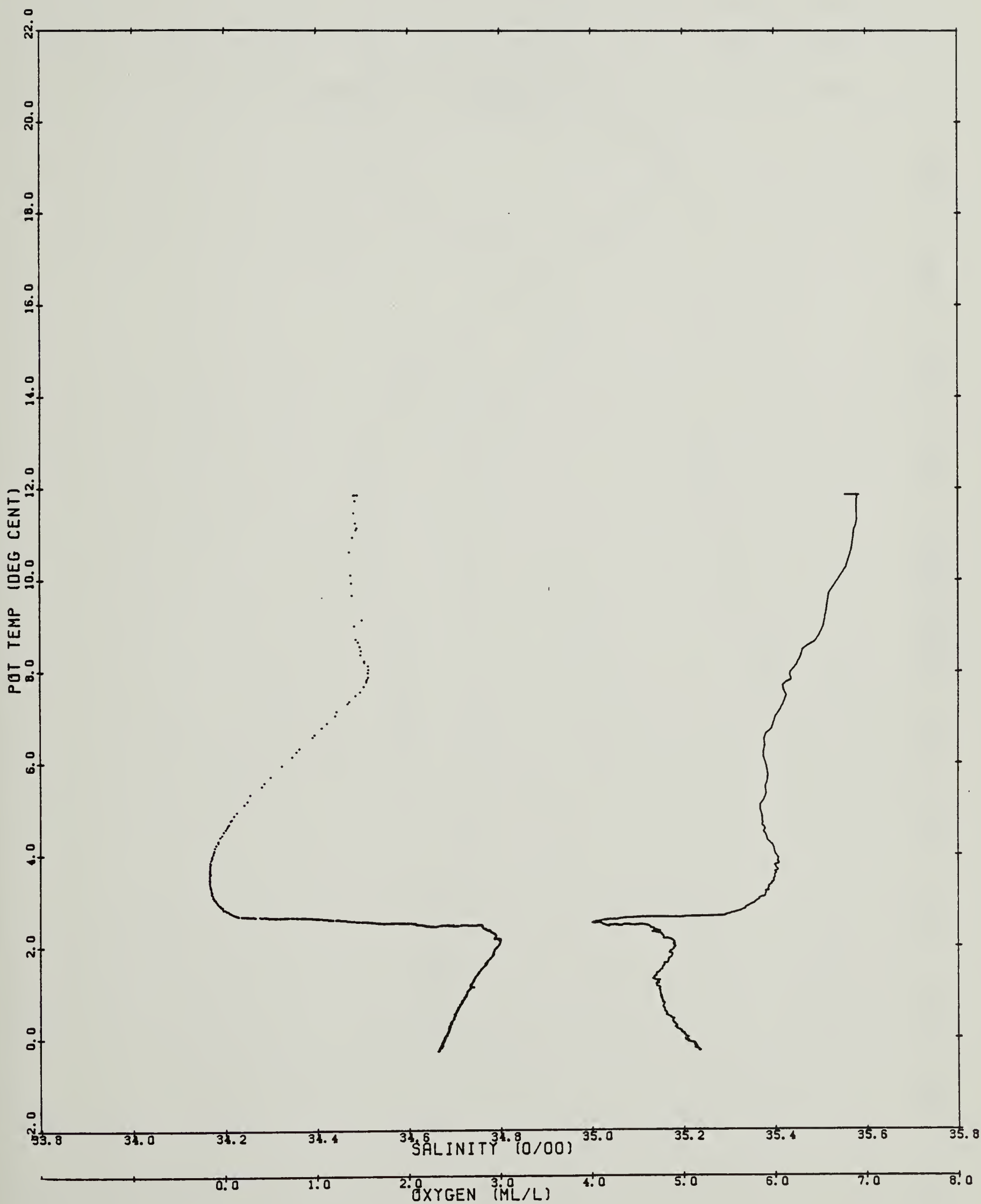
AT107

ST 71



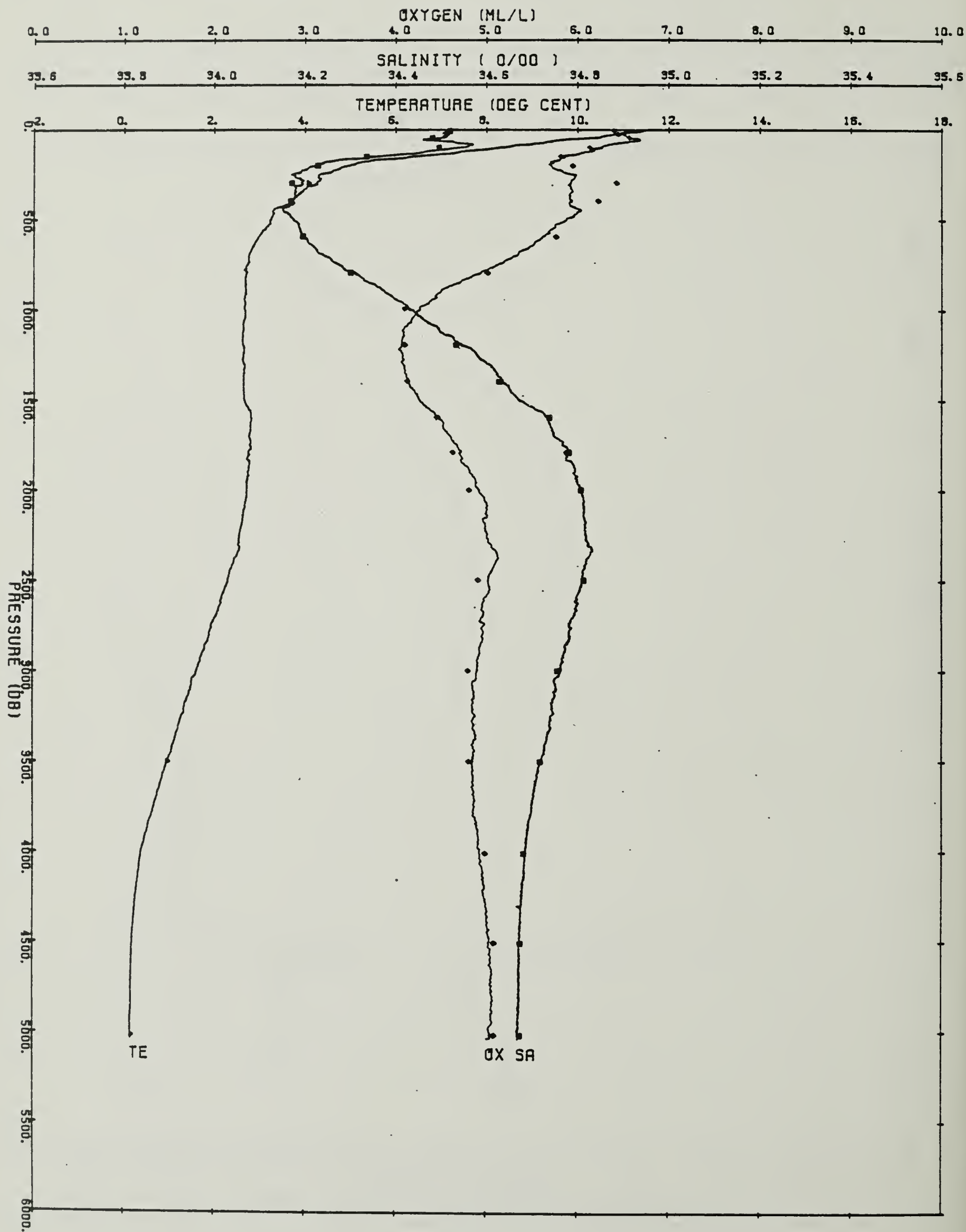
AT107

ST 71



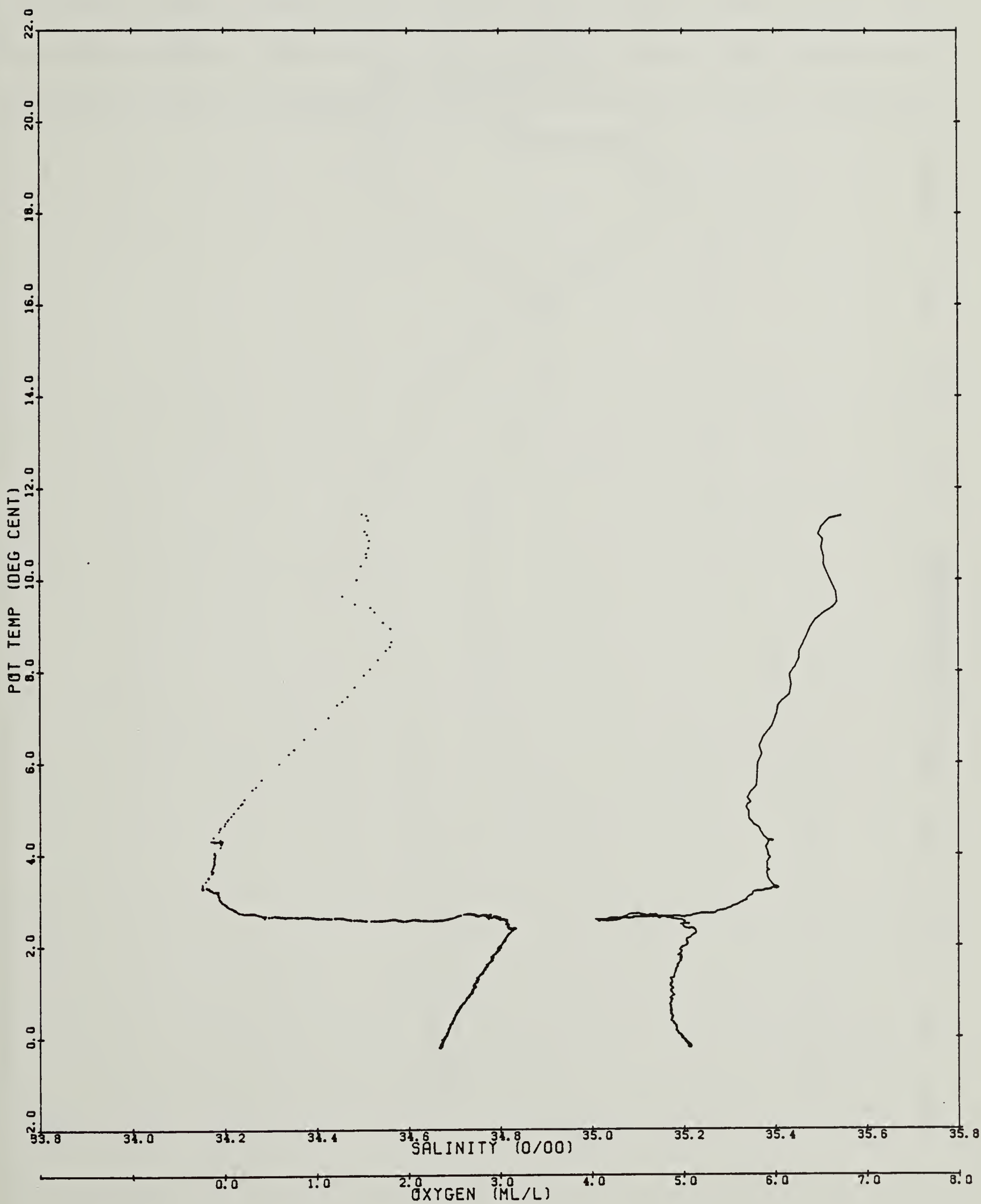
AT107

ST 72



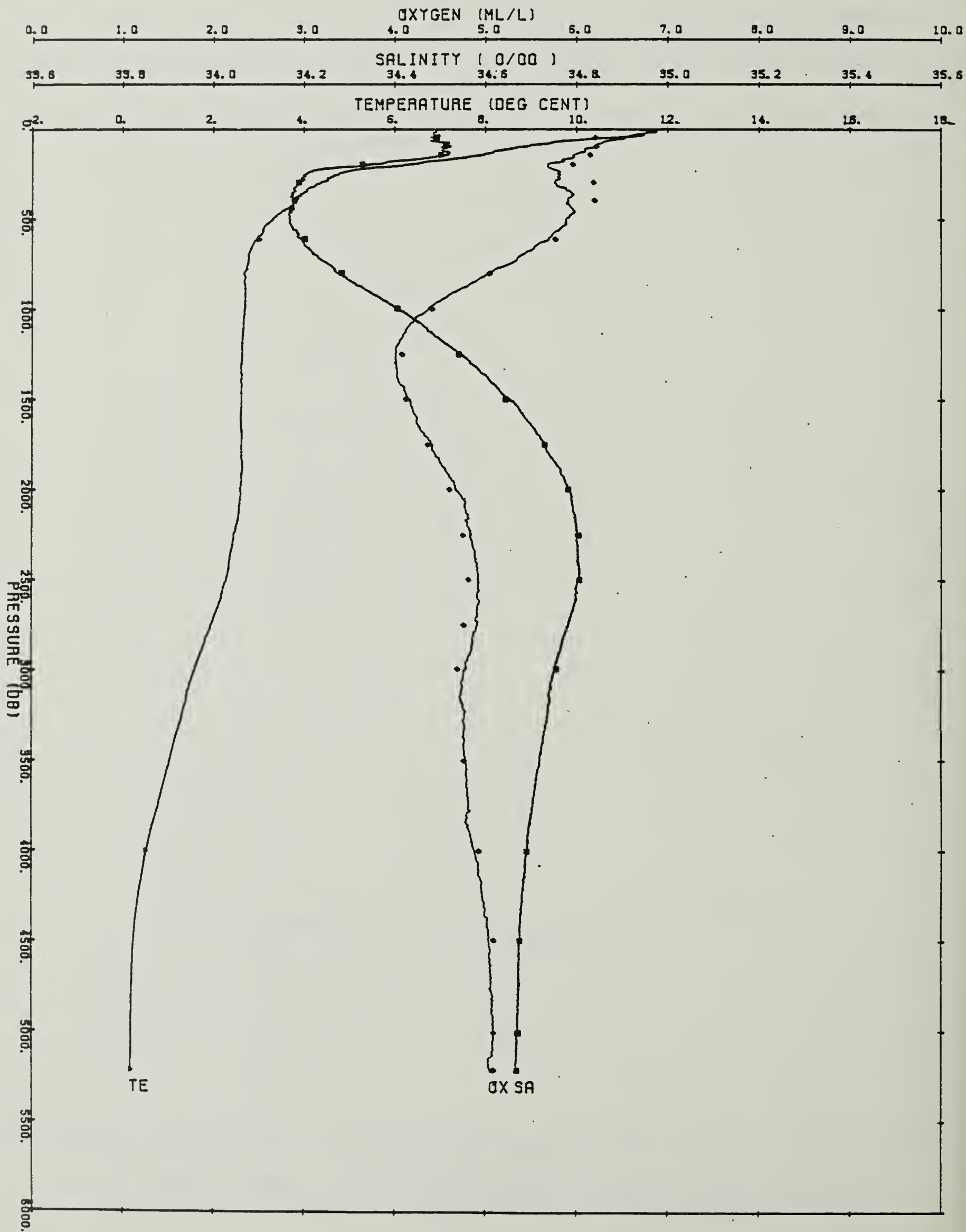
AT107

ST 72



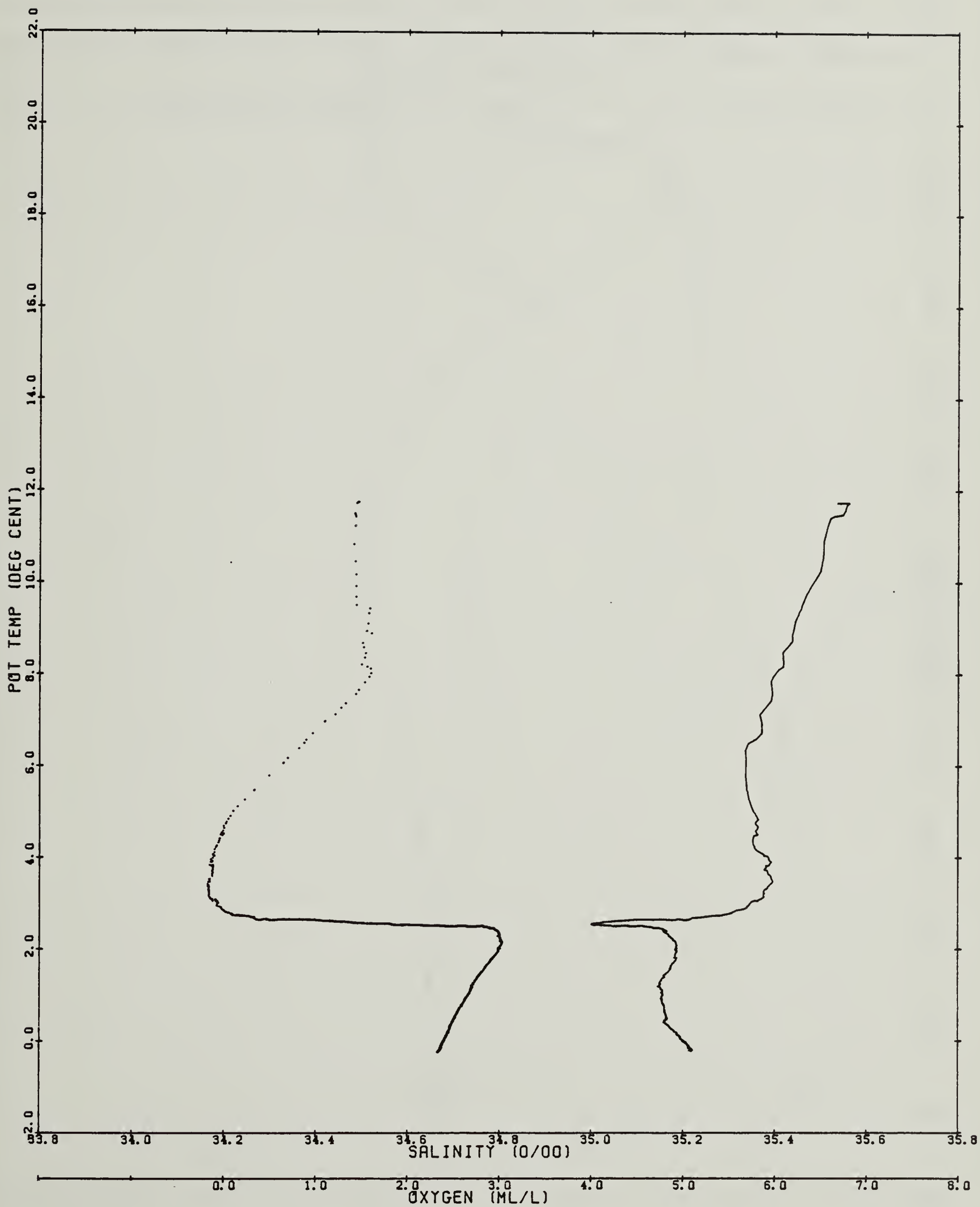
AT107

ST 73



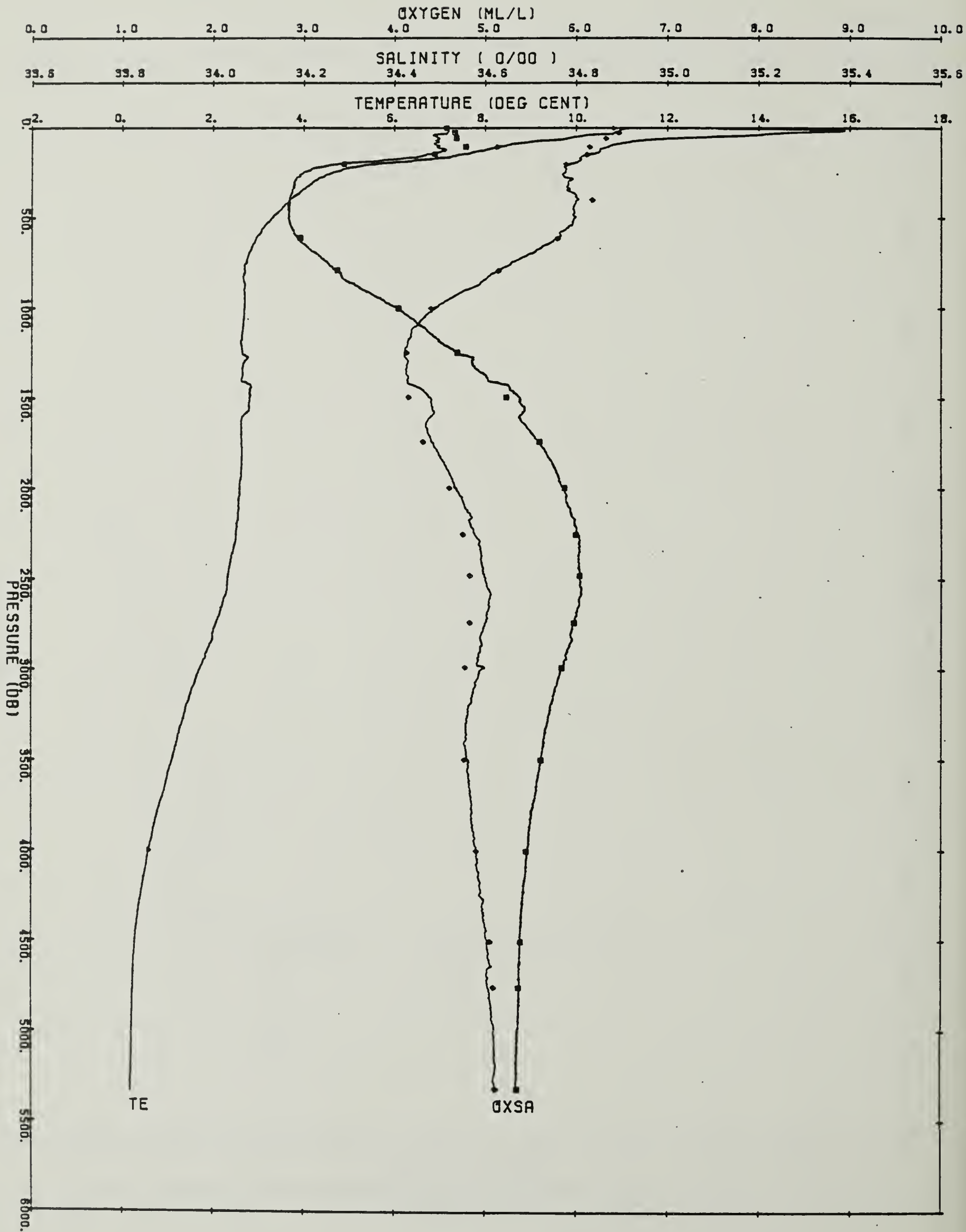
AT107

ST 73



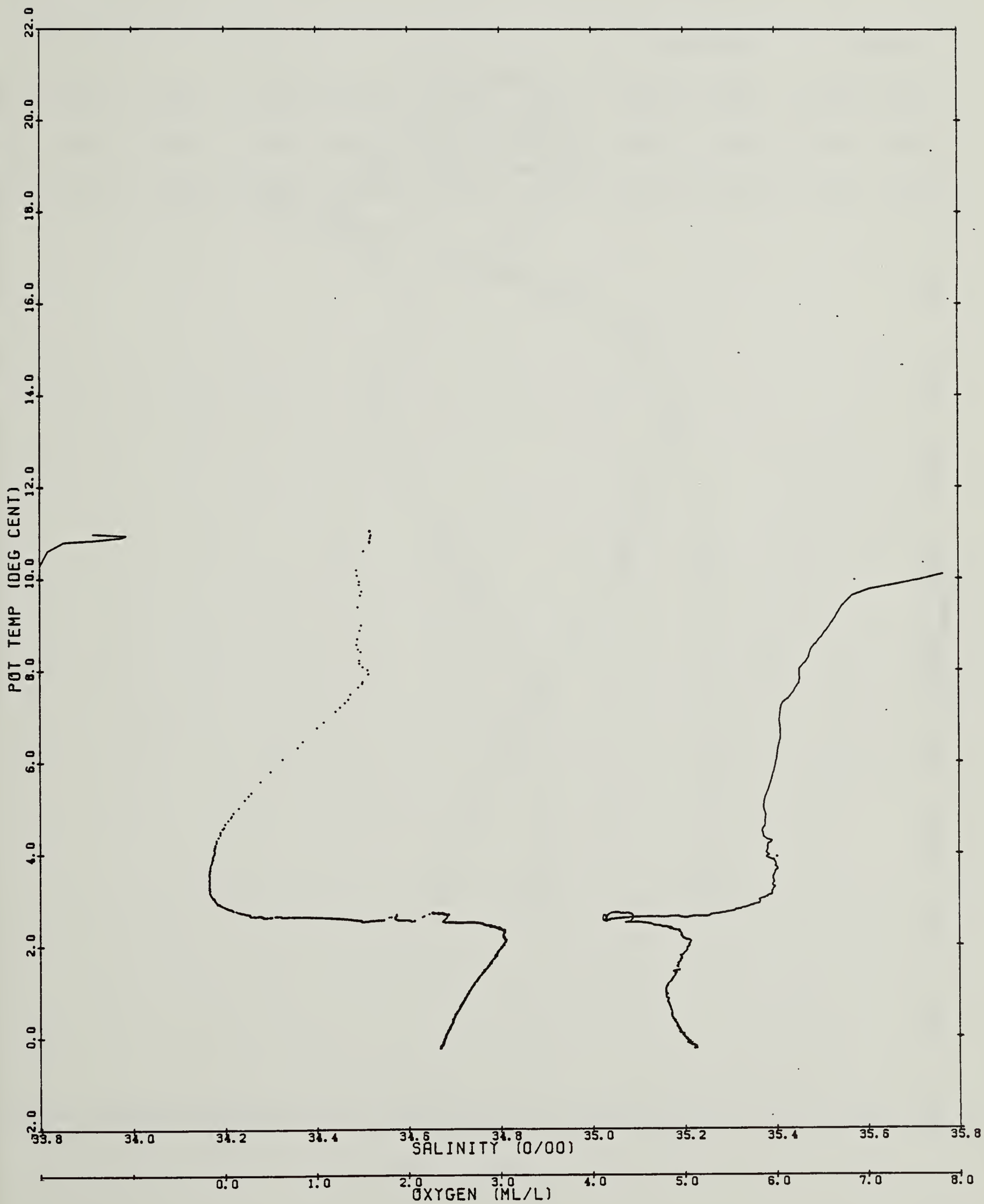
AT107

ST 74



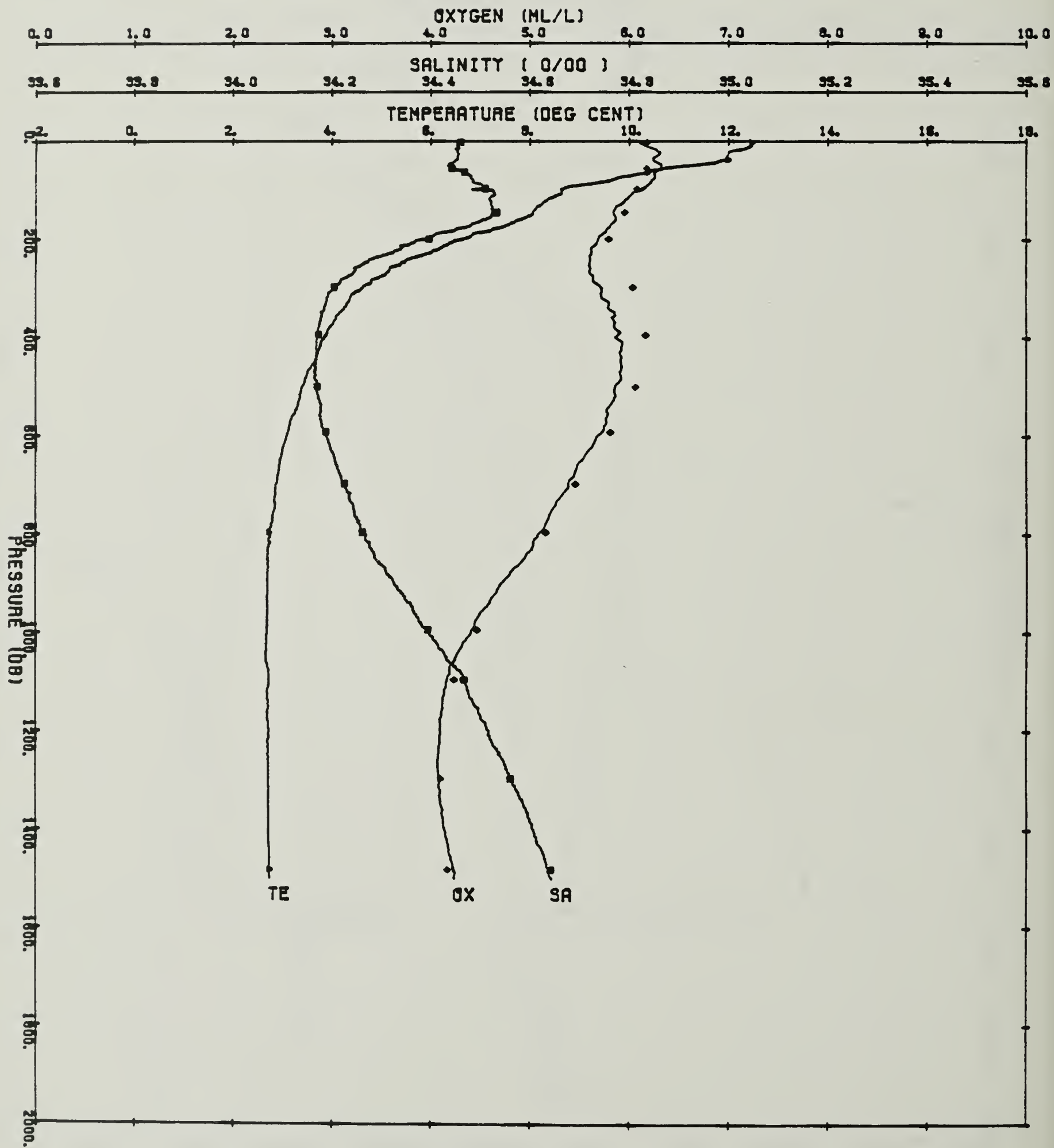
AT107

ST 74



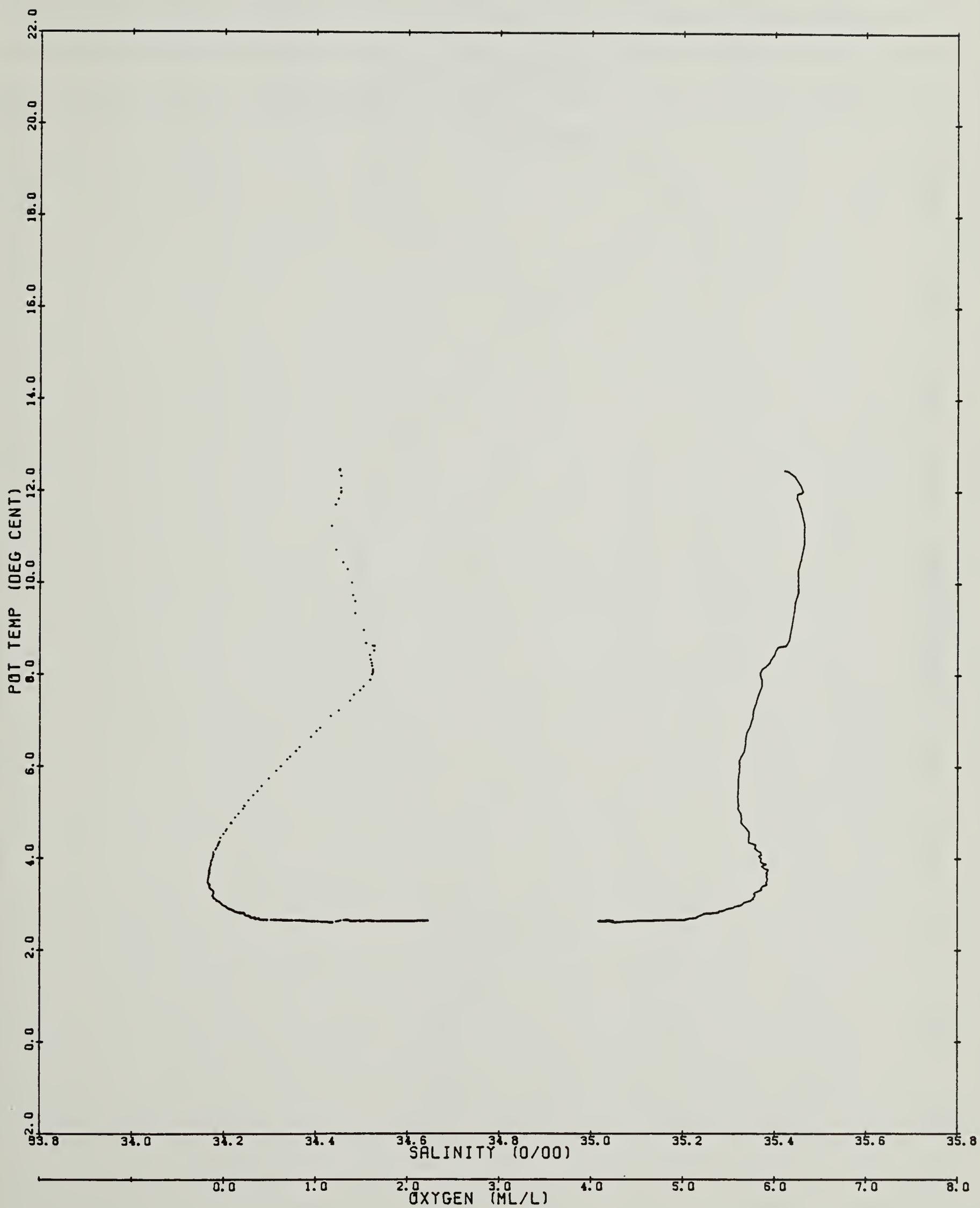
AT107

ST 75



AT107

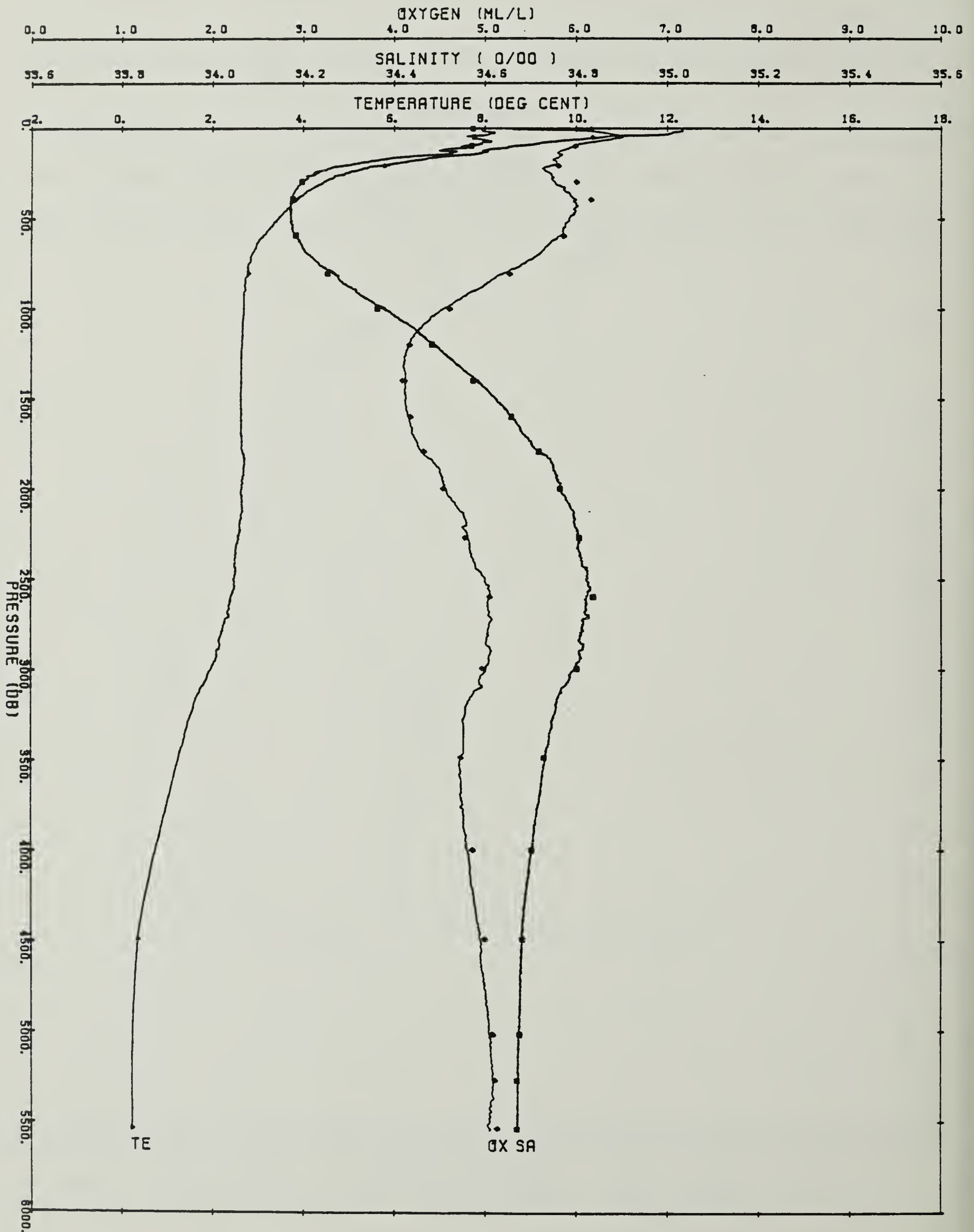
ST 75



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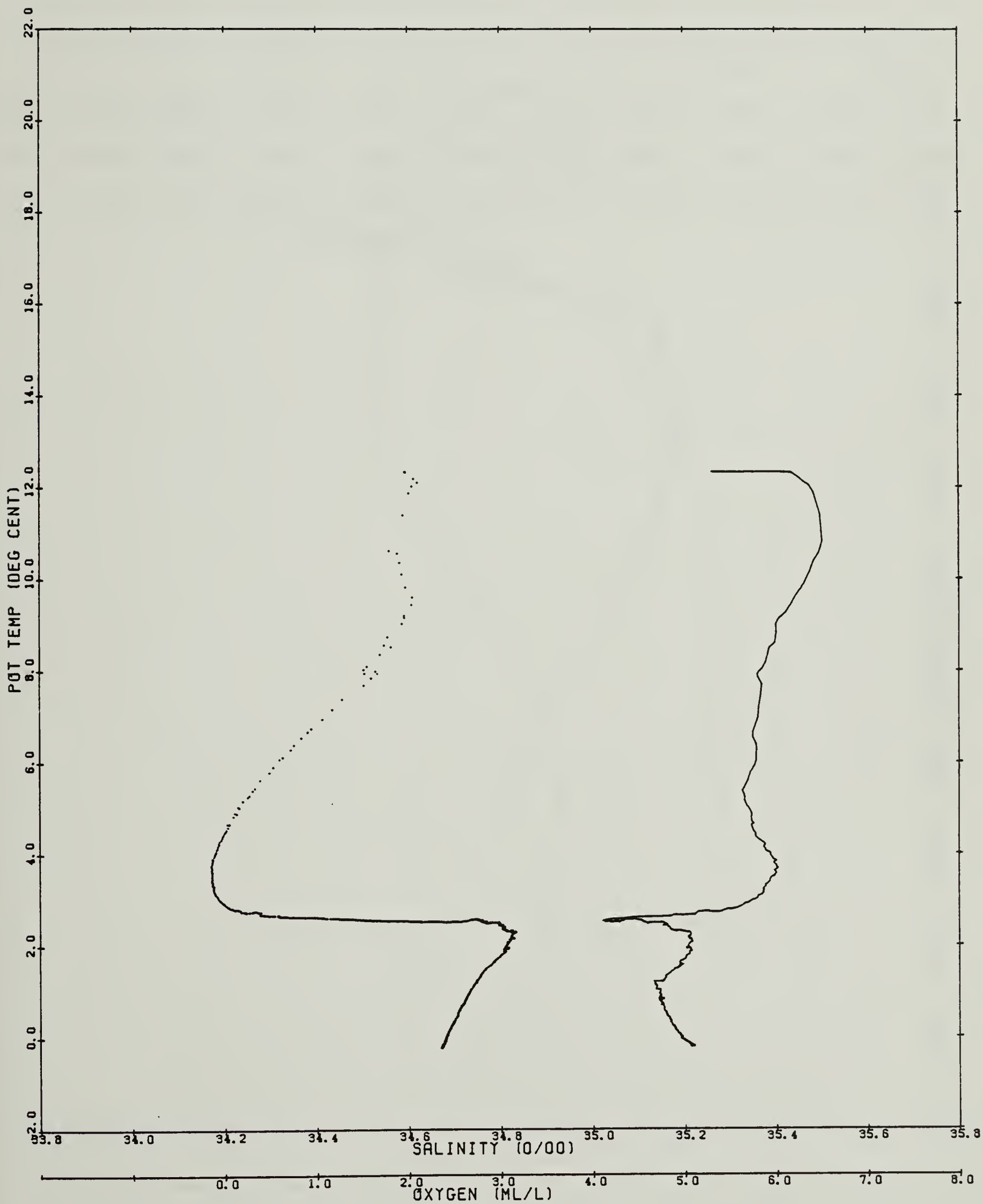
AT107

ST 76



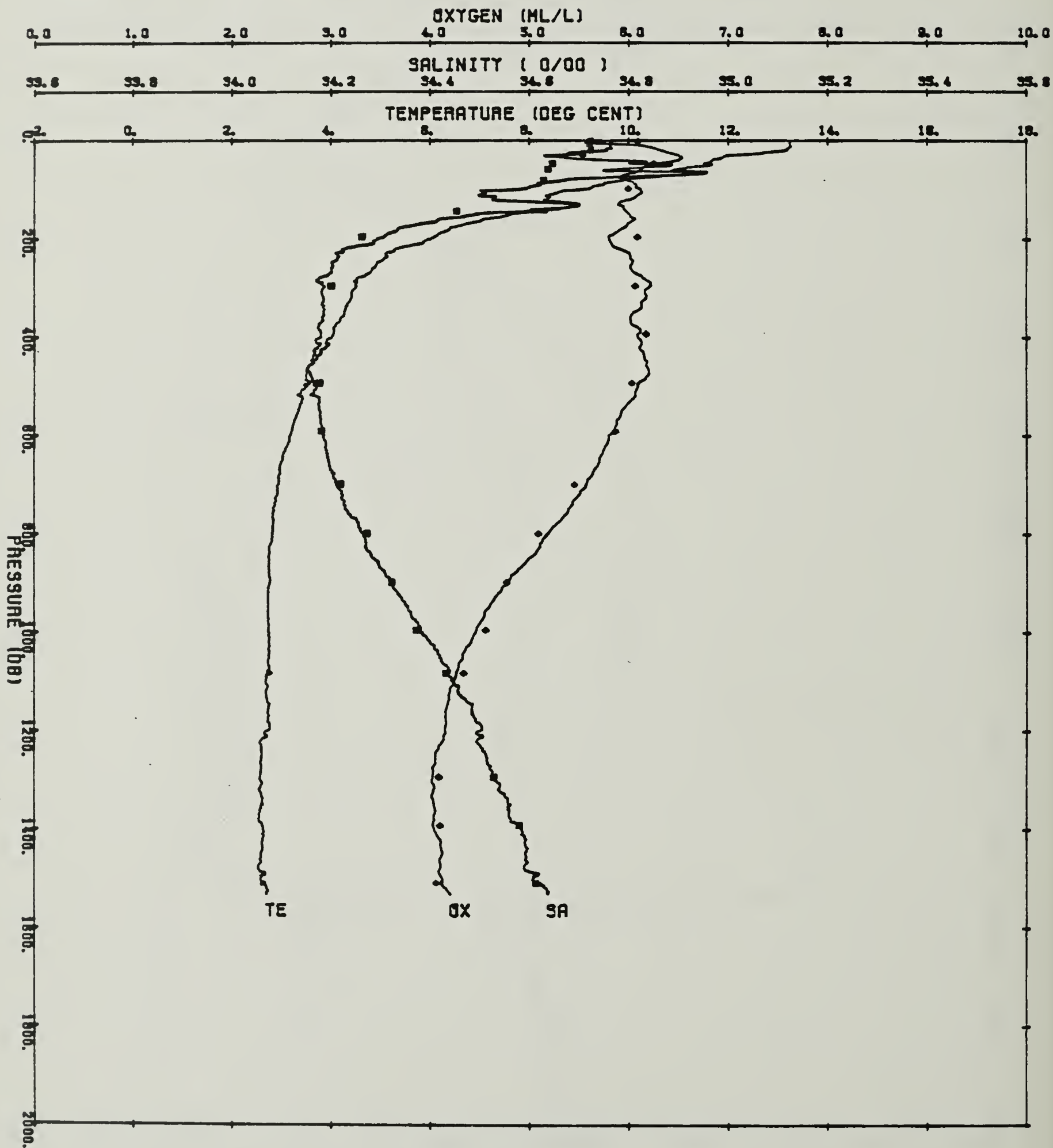
AT107

ST 76



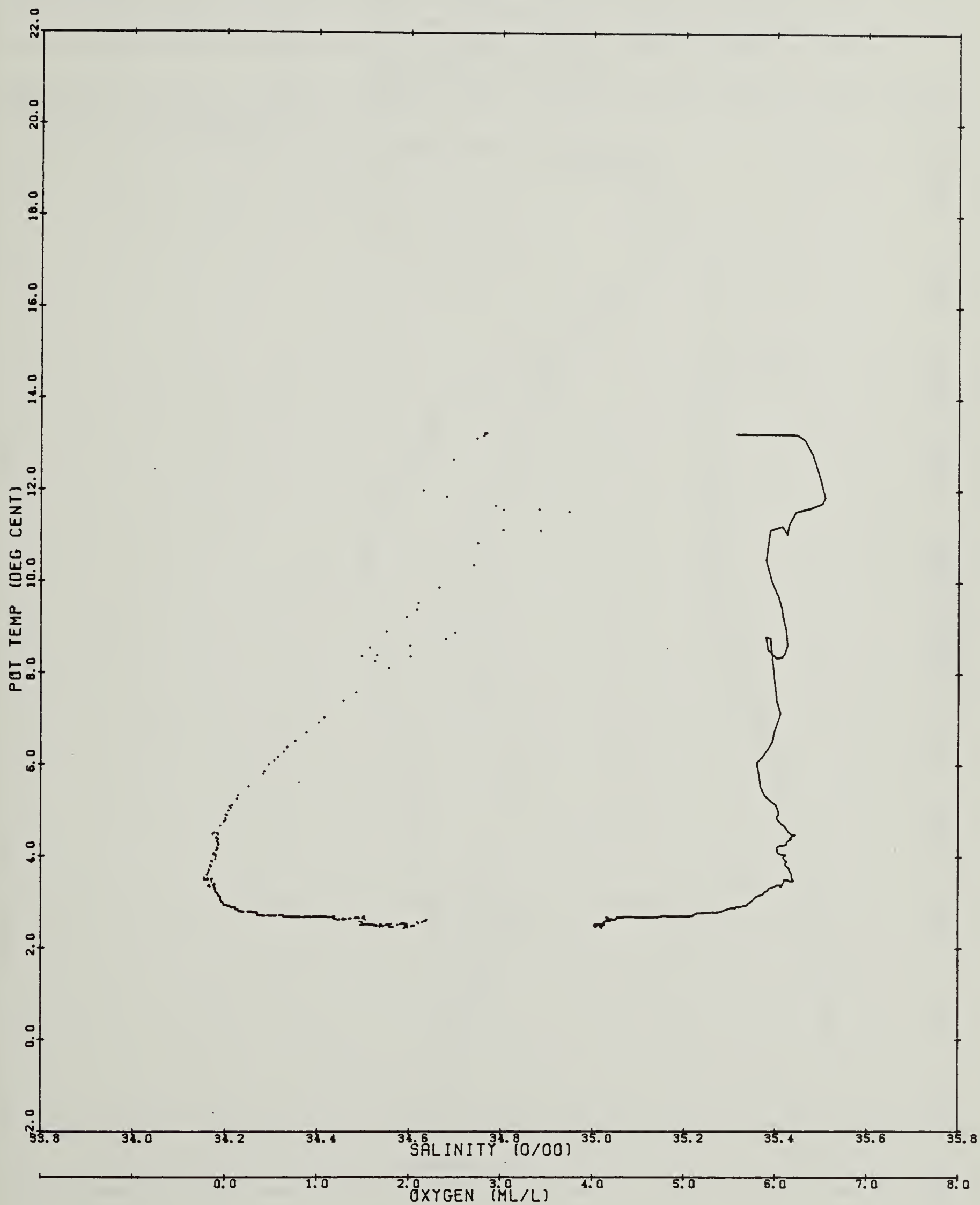
AT107

ST 77



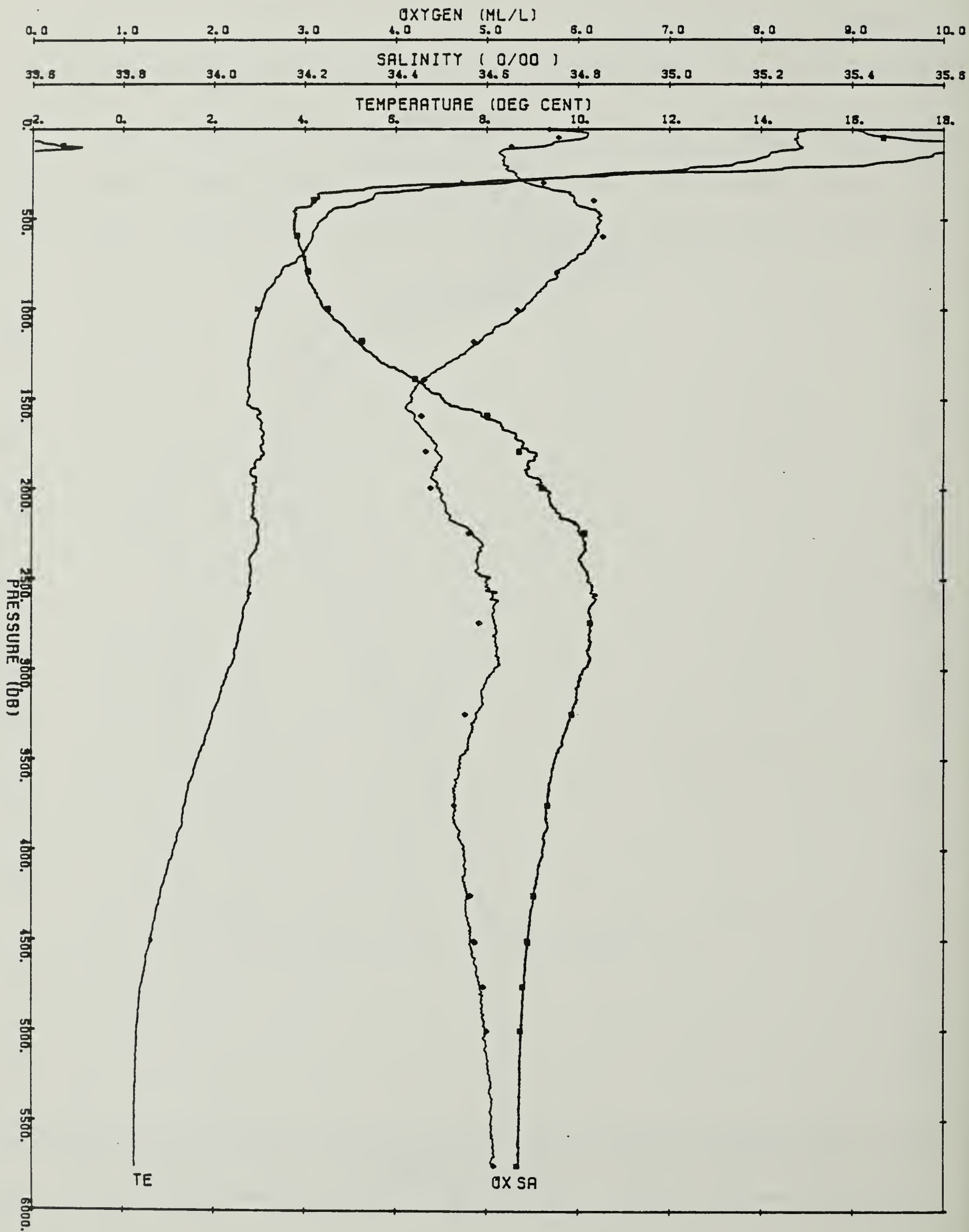
AT107

ST 77



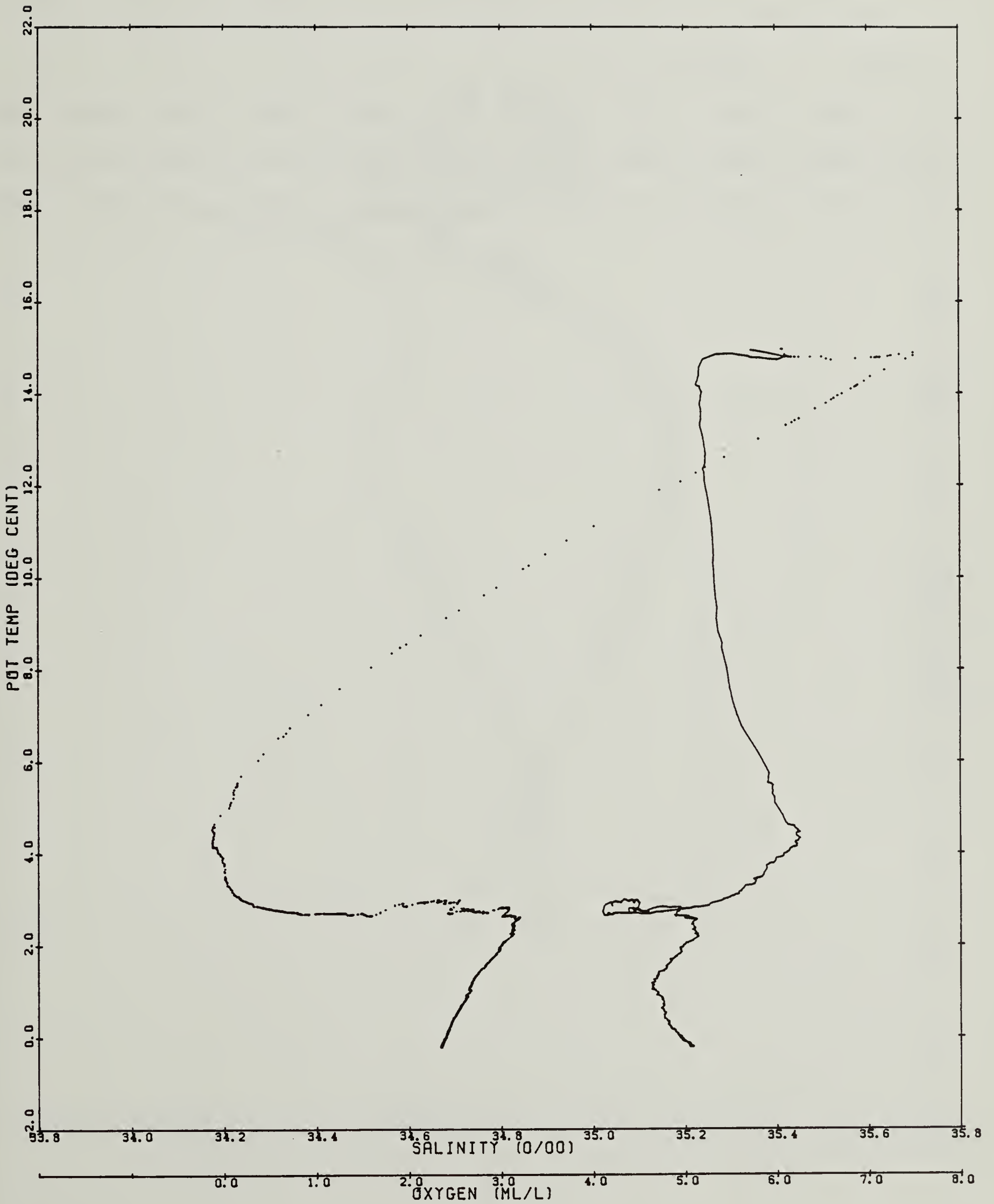
AT107

ST 78



AT107

ST 78



AT107

ST 79

OXYGEN (ML/L)

0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0

SALINITY (‰)

33.8 33.9 34.0 34.2 34.4 34.6 34.8 35.0 35.2 35.4 35.6

TEMPERATURE (DEG CENT)

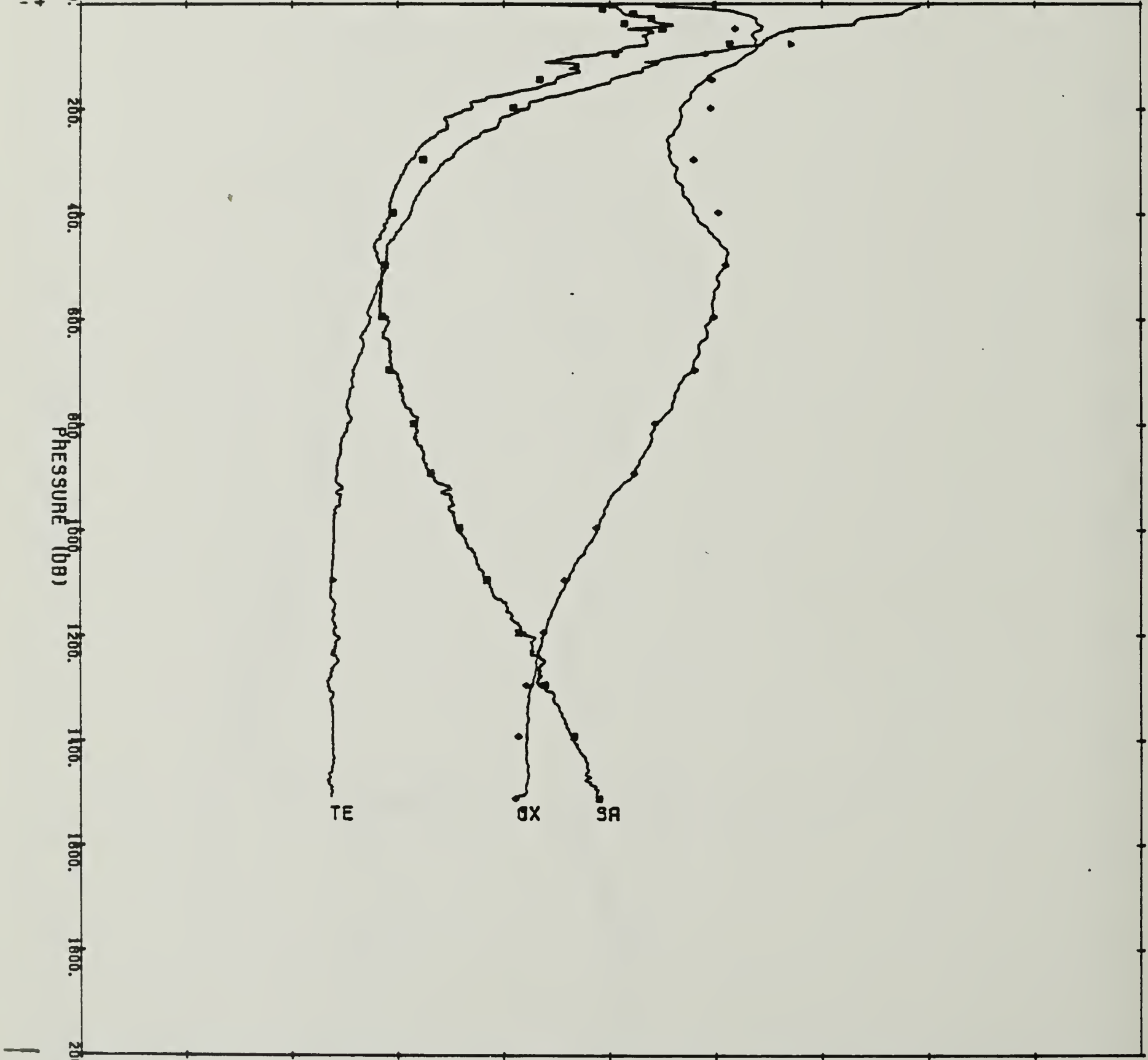
0 2 4 6 8 10 12 14 16 18

200.
400.
600.
800.
1000.
1200.
1400.
1600.
1800.
2000.
PRESSURE (DB)

TE

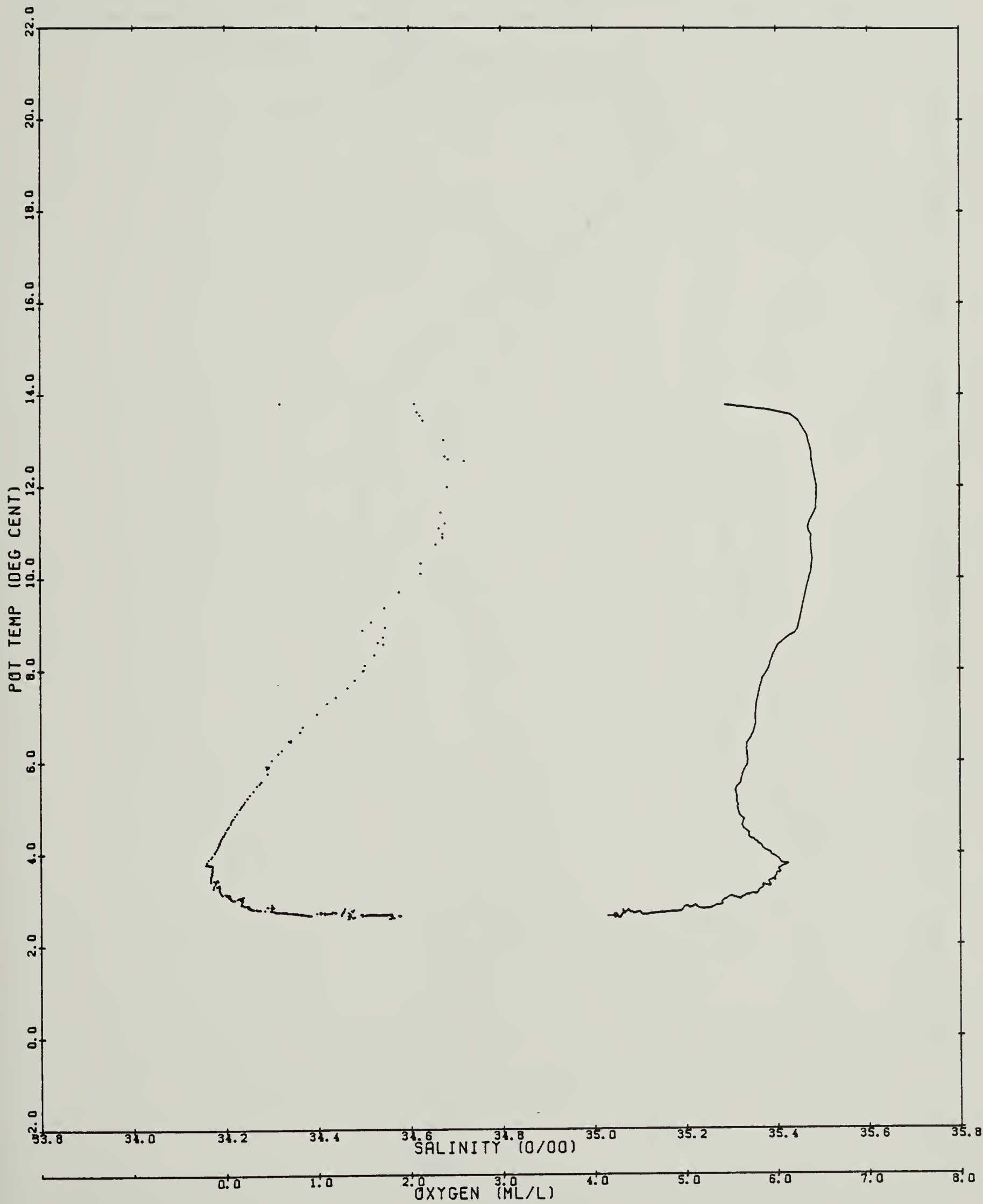
OX

SA



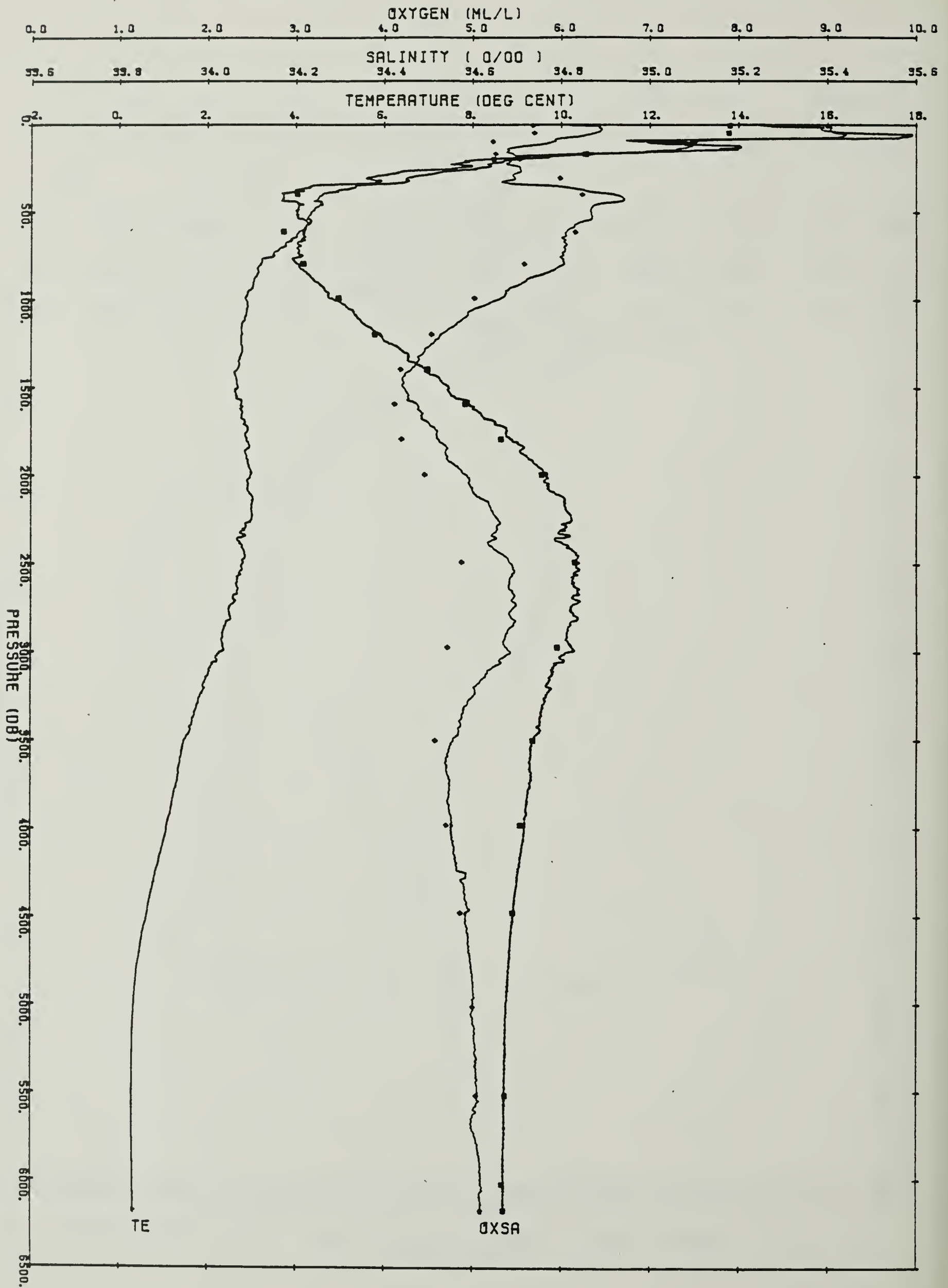
AT107

ST 79



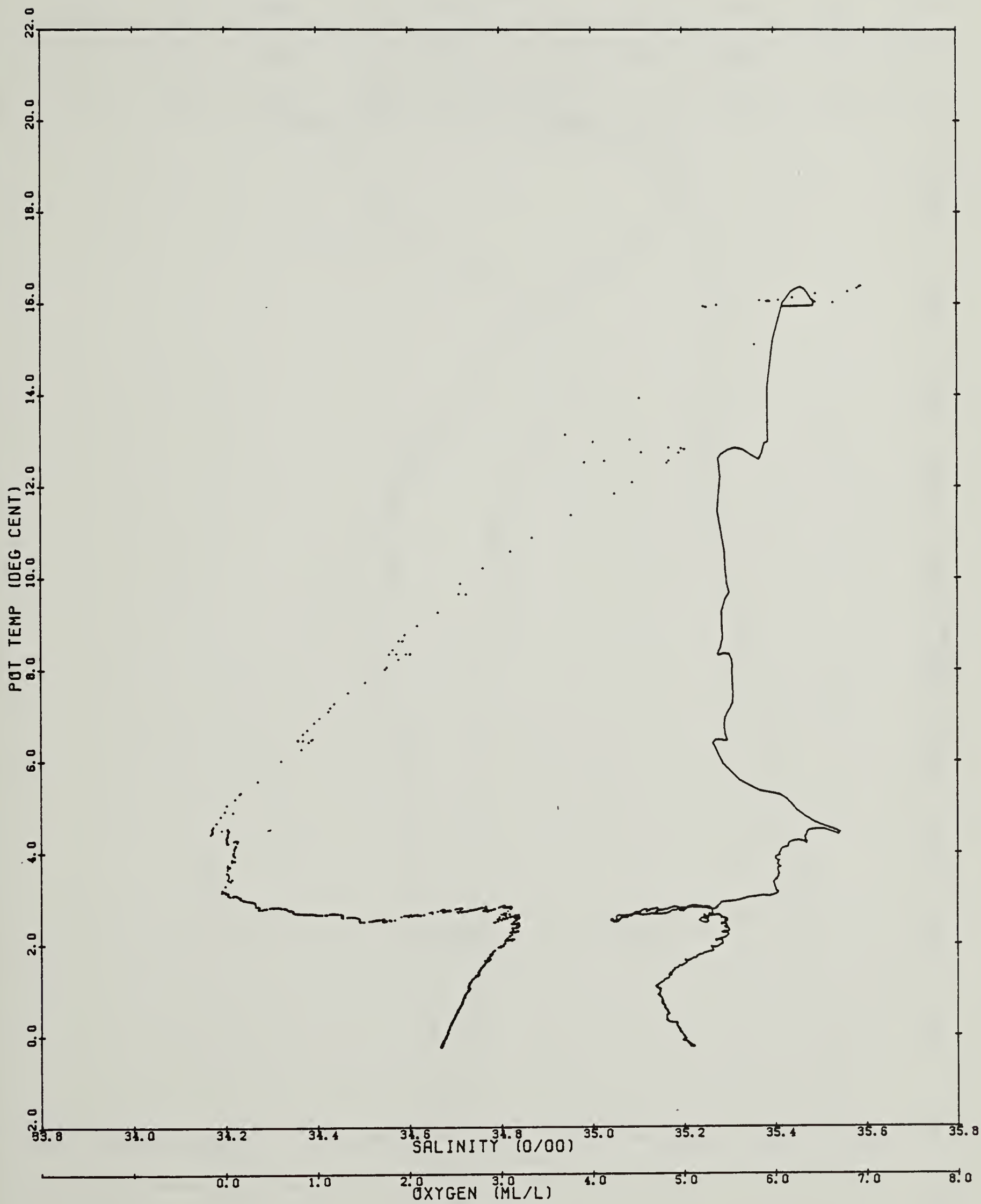
AT107

ST 80



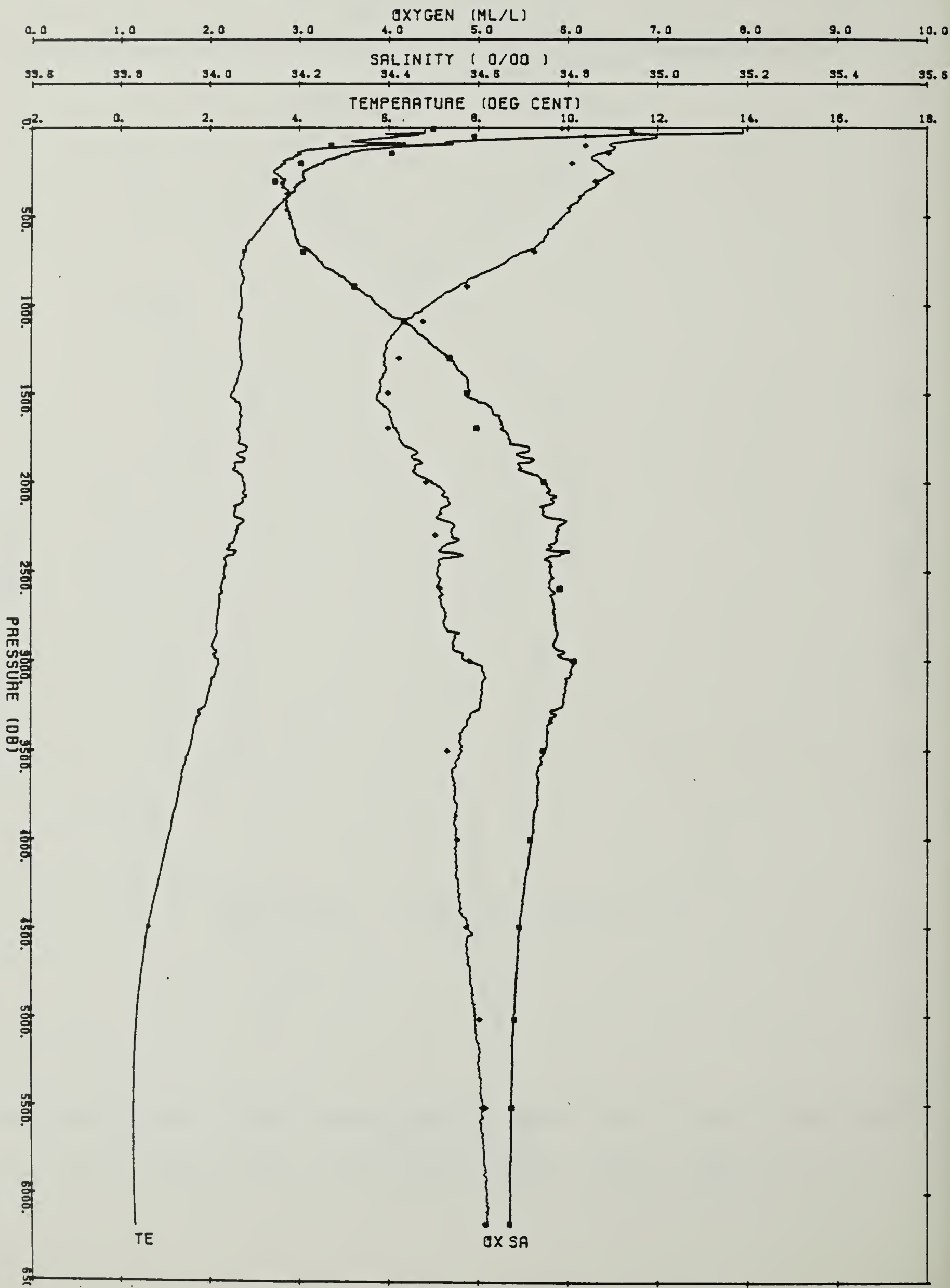
AT107

ST 80



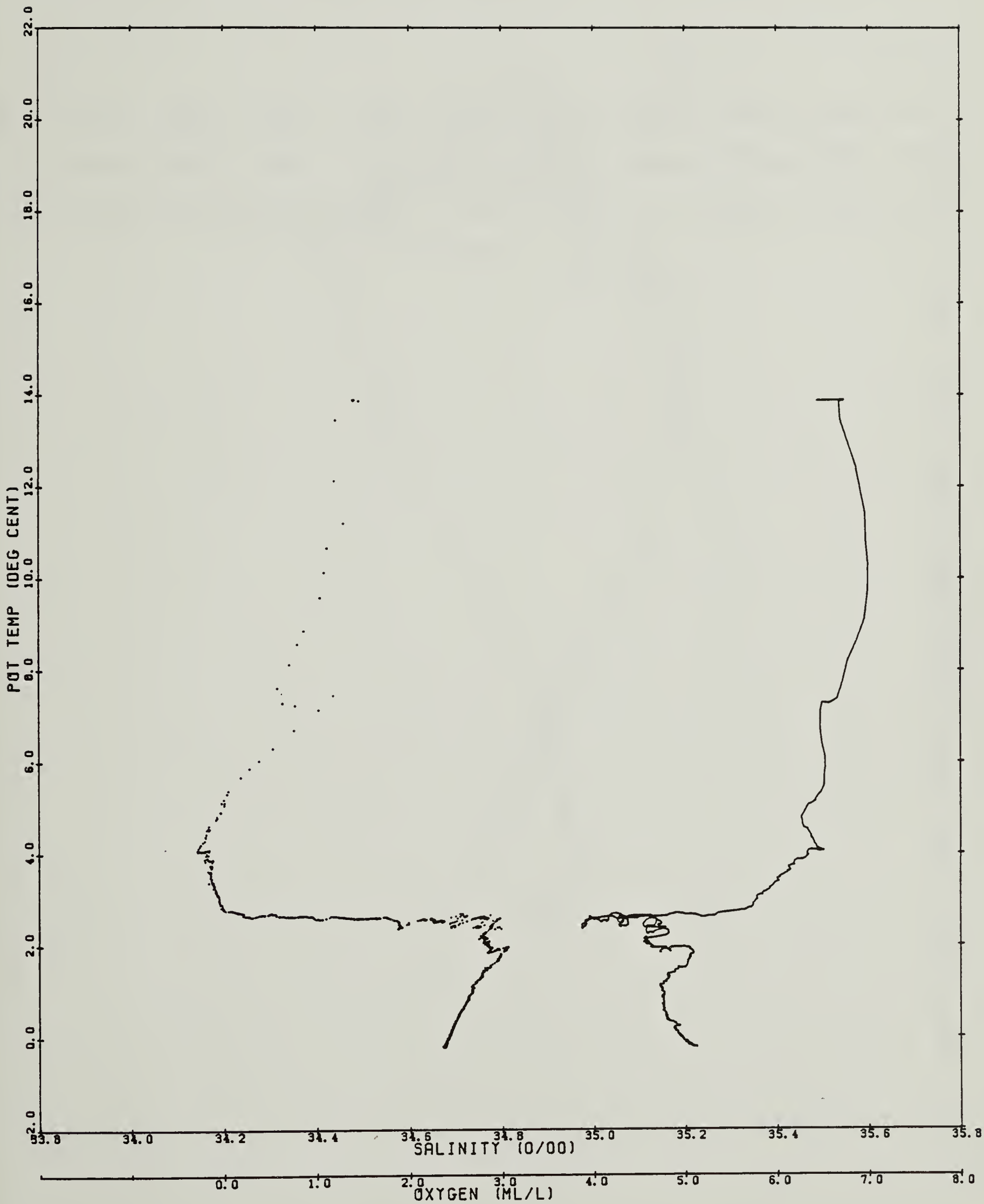
AT107

ST 81



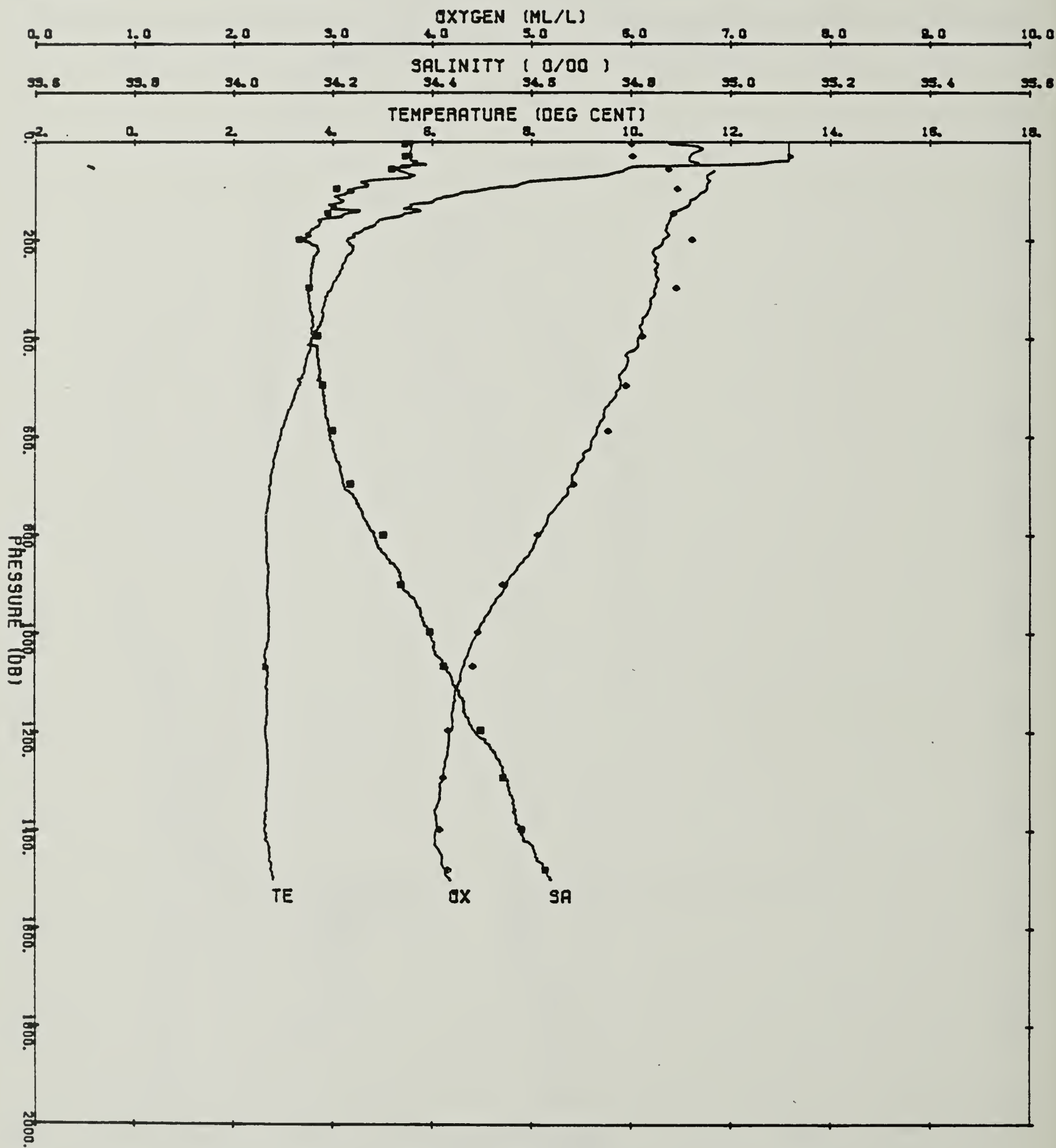
AT107

ST 81



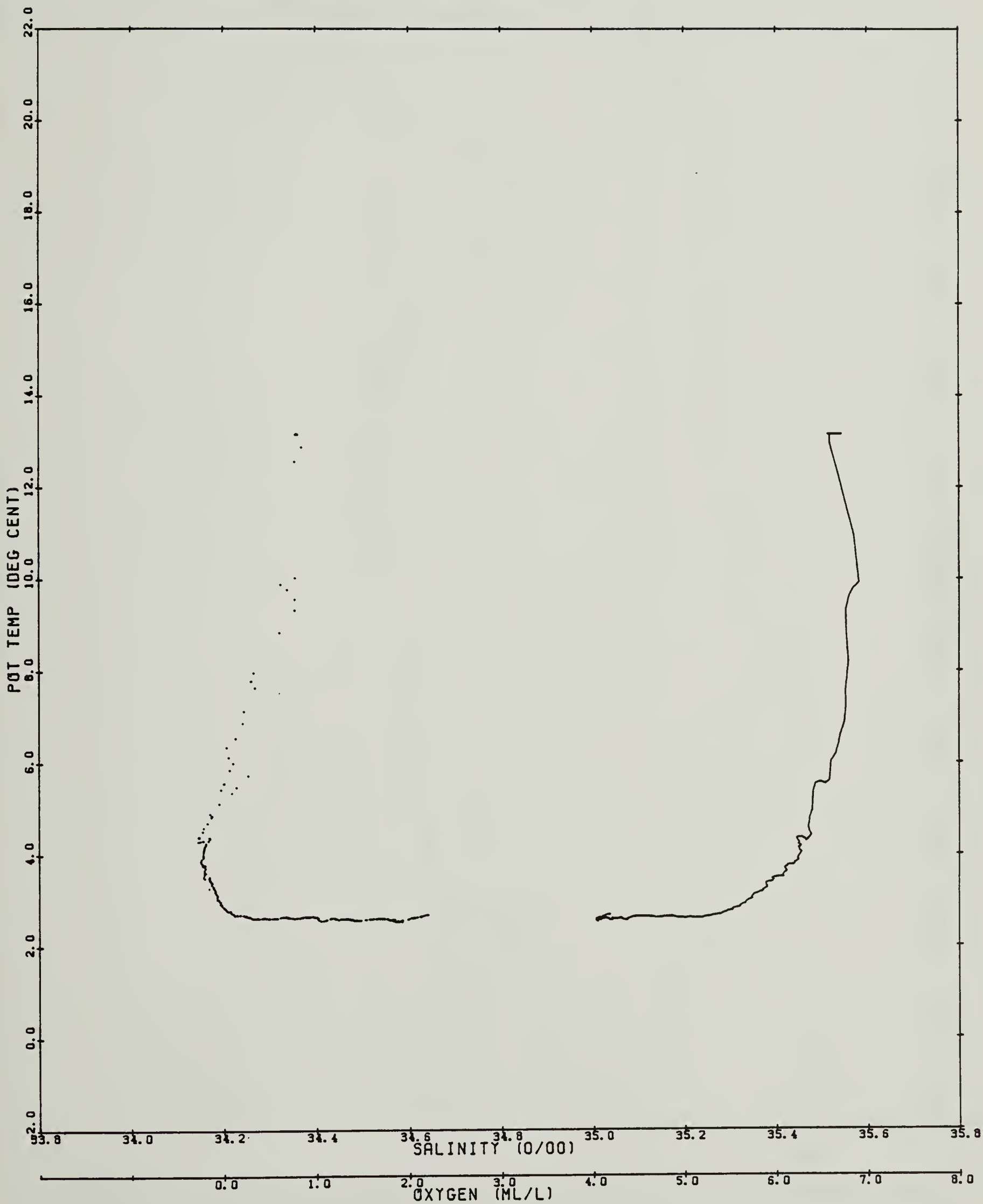
AT107

ST 82



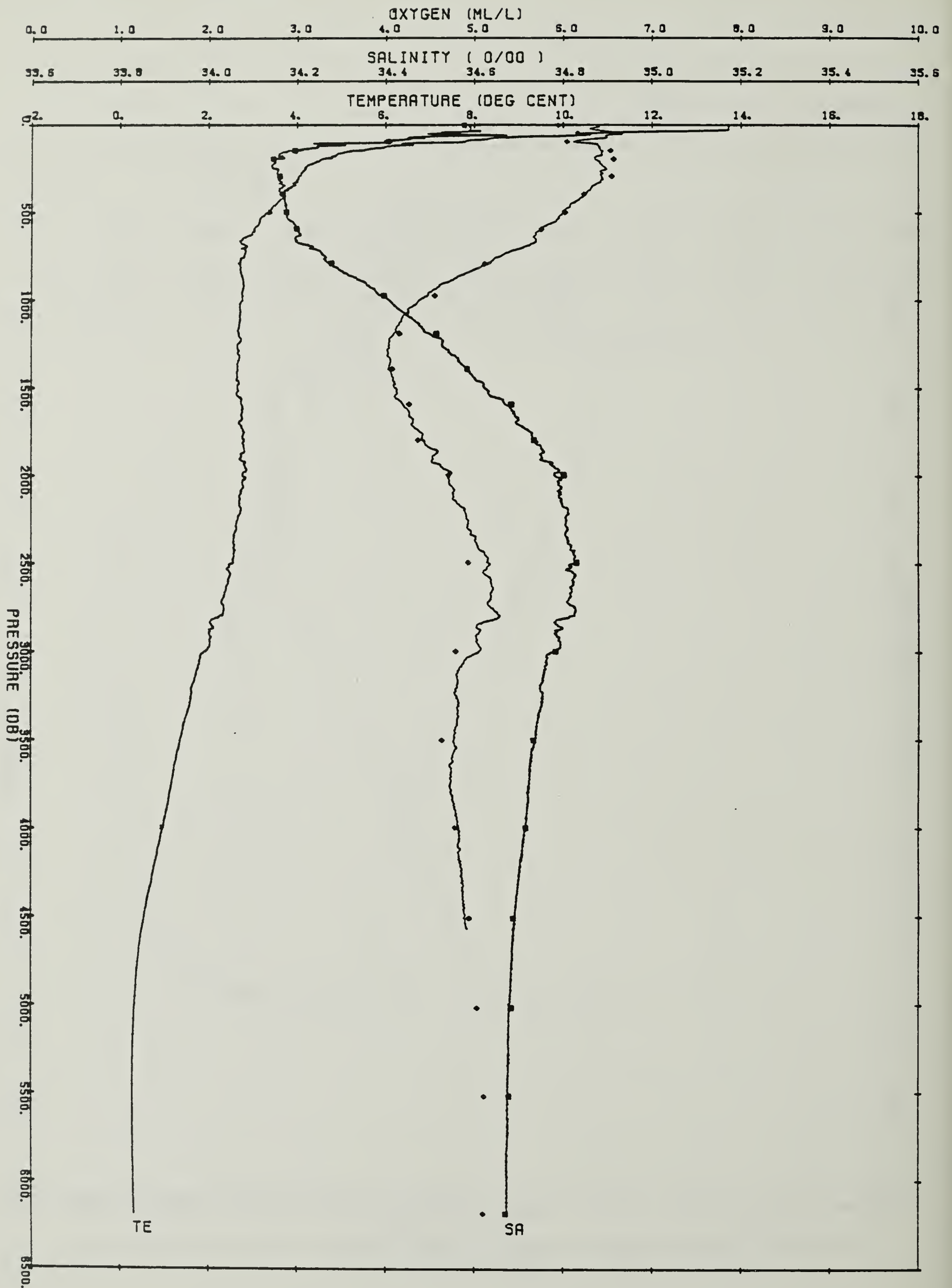
AT107

ST 82



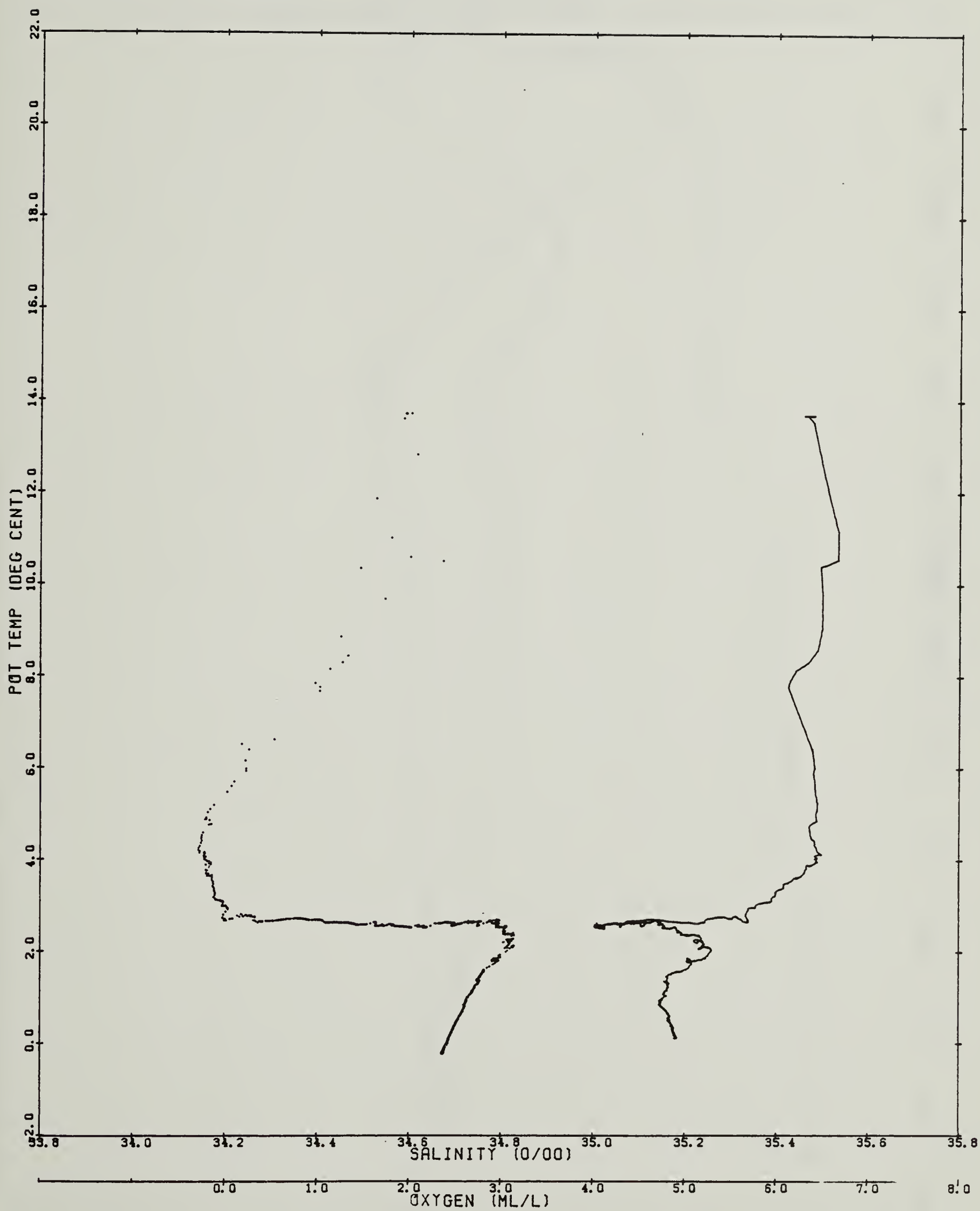
AT107

ST 83



AT107

ST 83



AT107

ST 84

OXYGEN (ML/L)

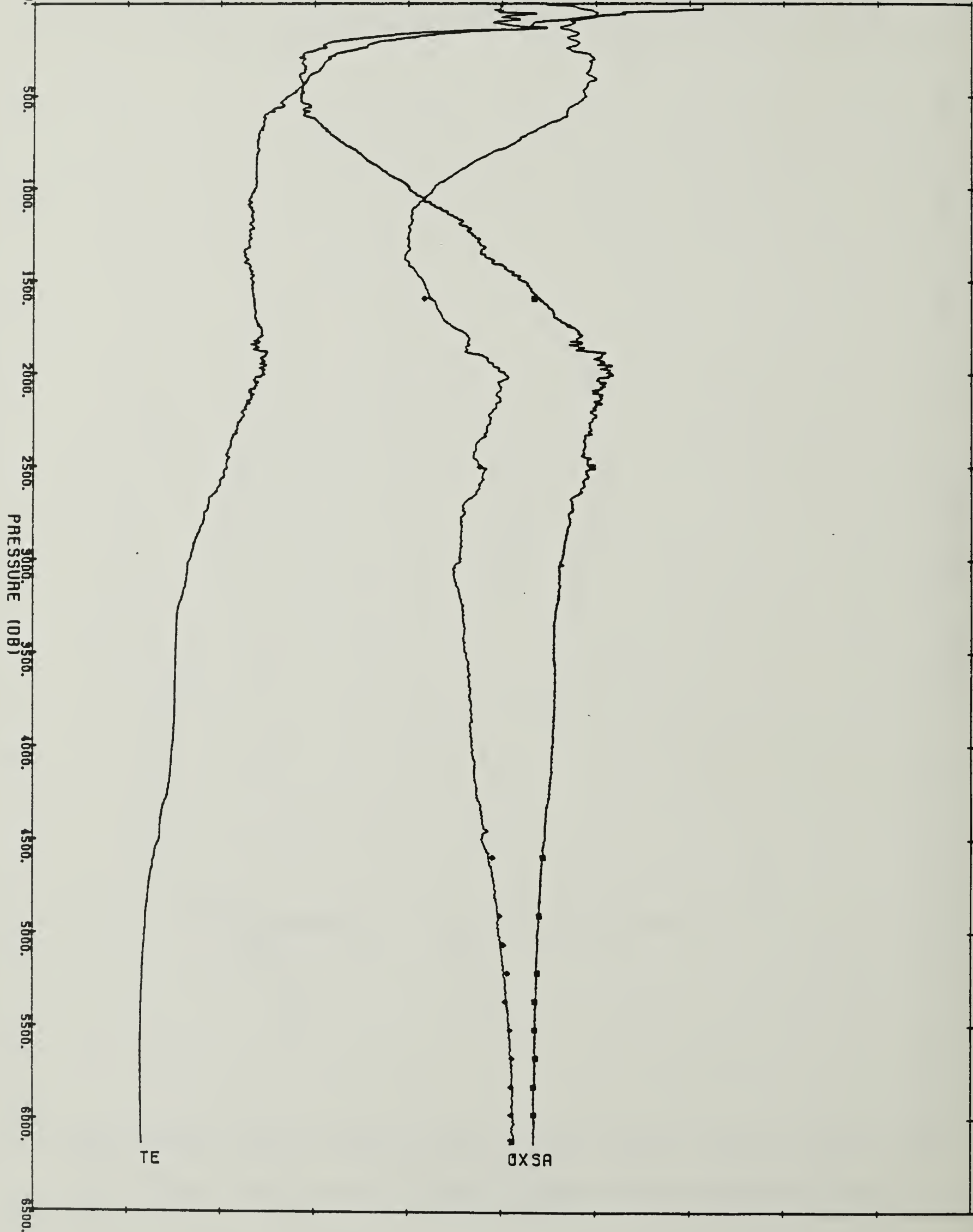
0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0

SALINITY (‰)

33.8 33.8 34.0 34.2 34.4 34.6 34.8 35.0 35.2 35.4 35.6

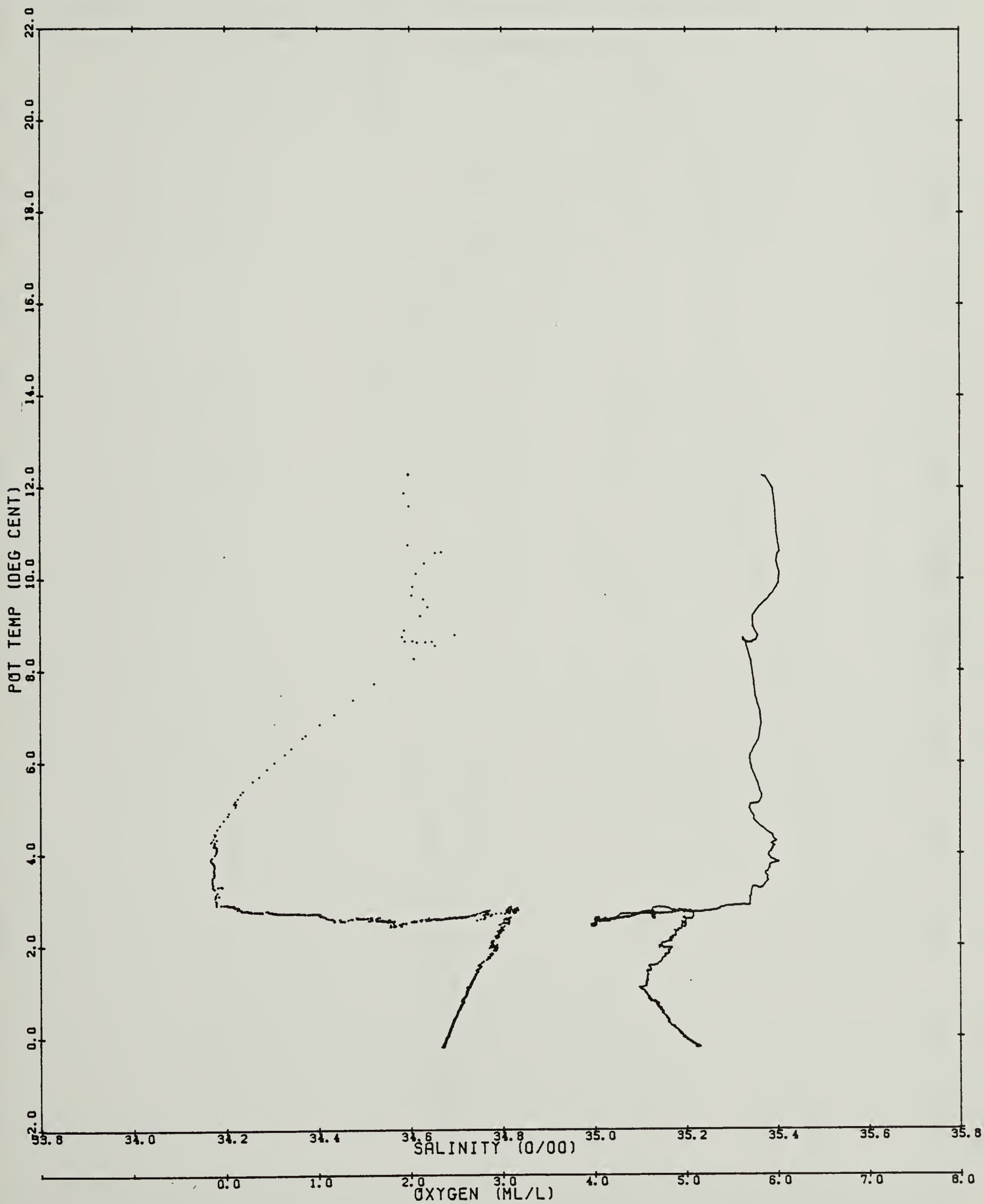
TEMPERATURE (DEG CENT)

0. 0. 2. 4. 6. 8. 10. 12. 14. 16. 18.



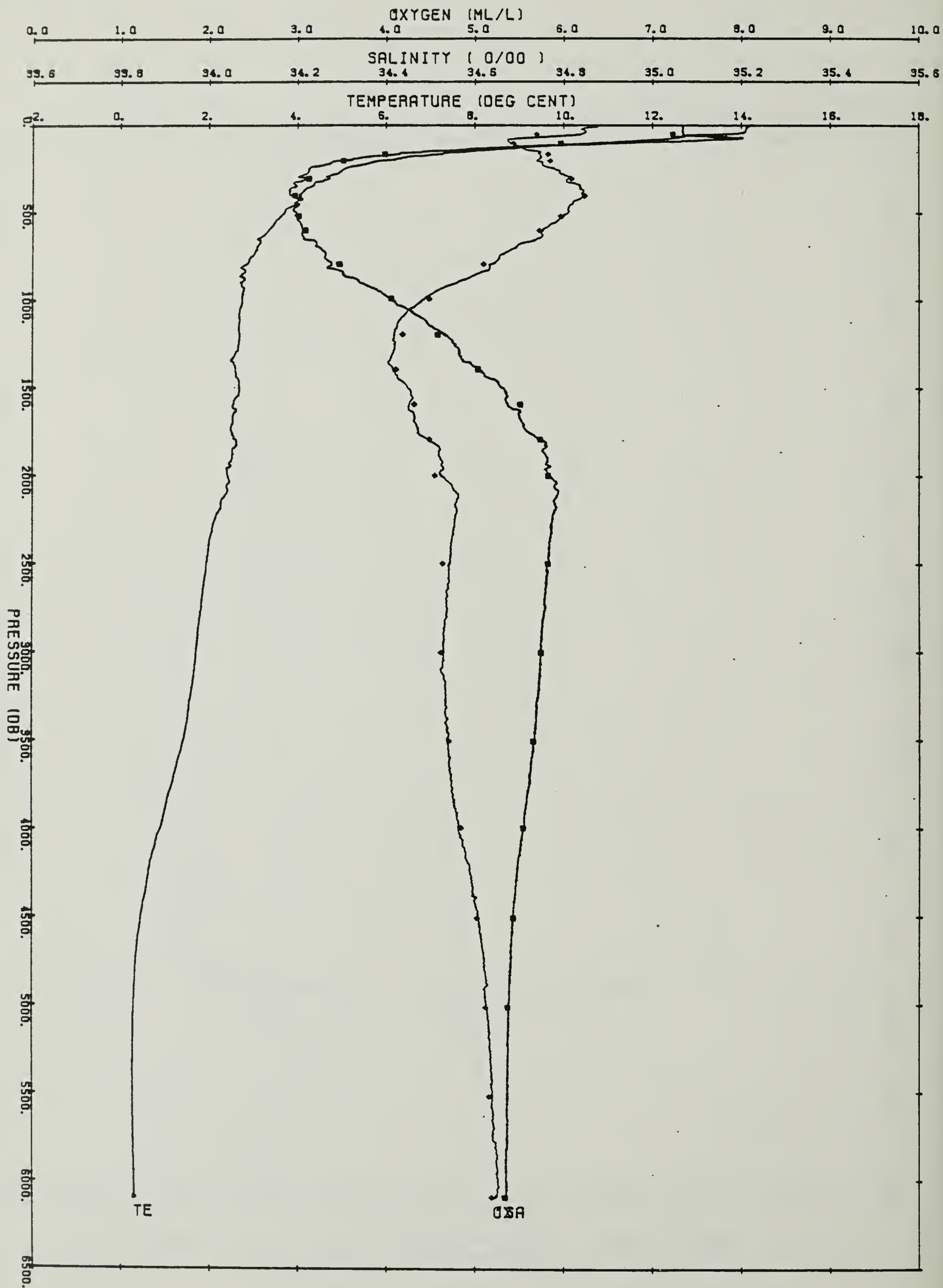
AT107

ST 84



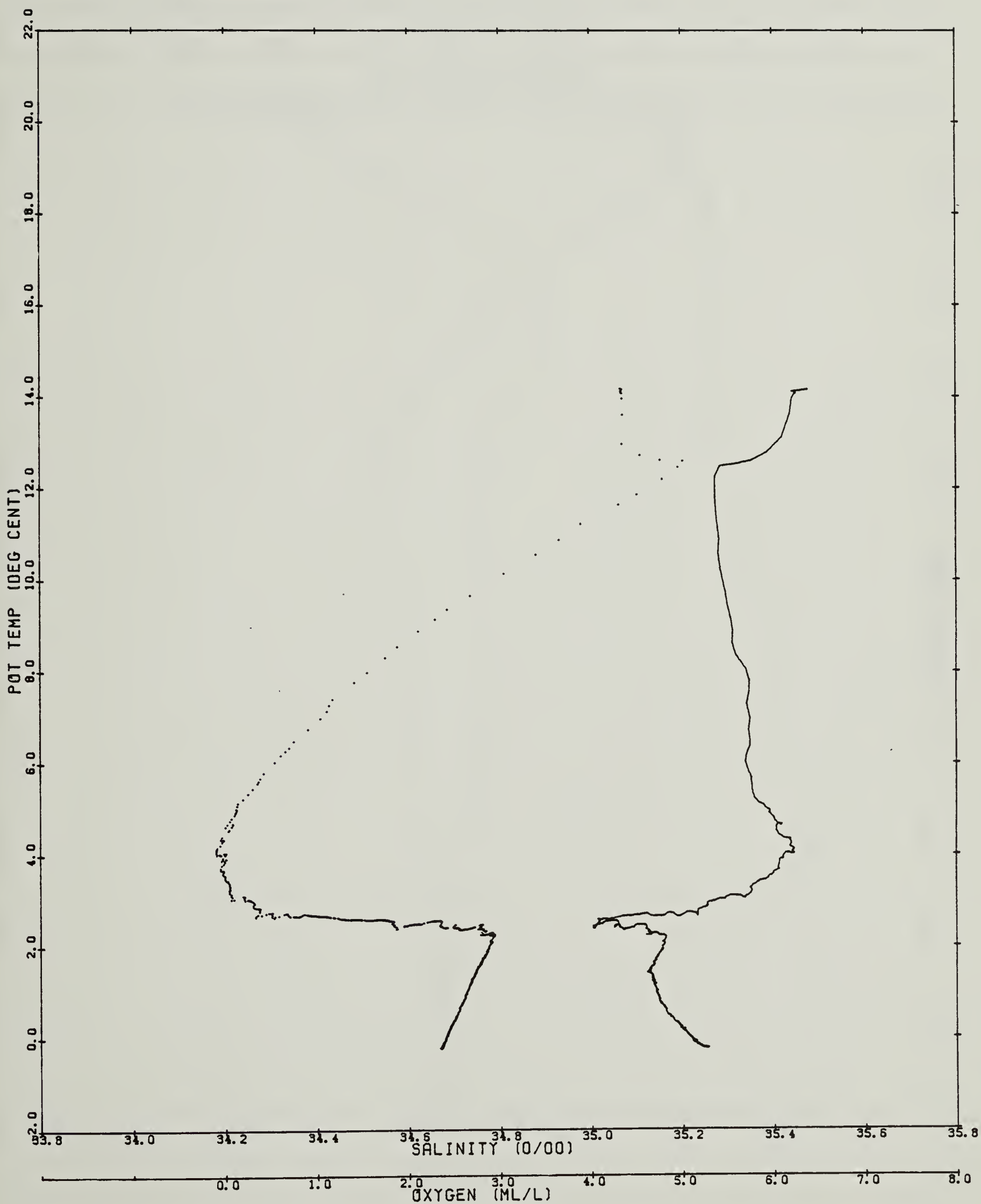
AT107

ST 85



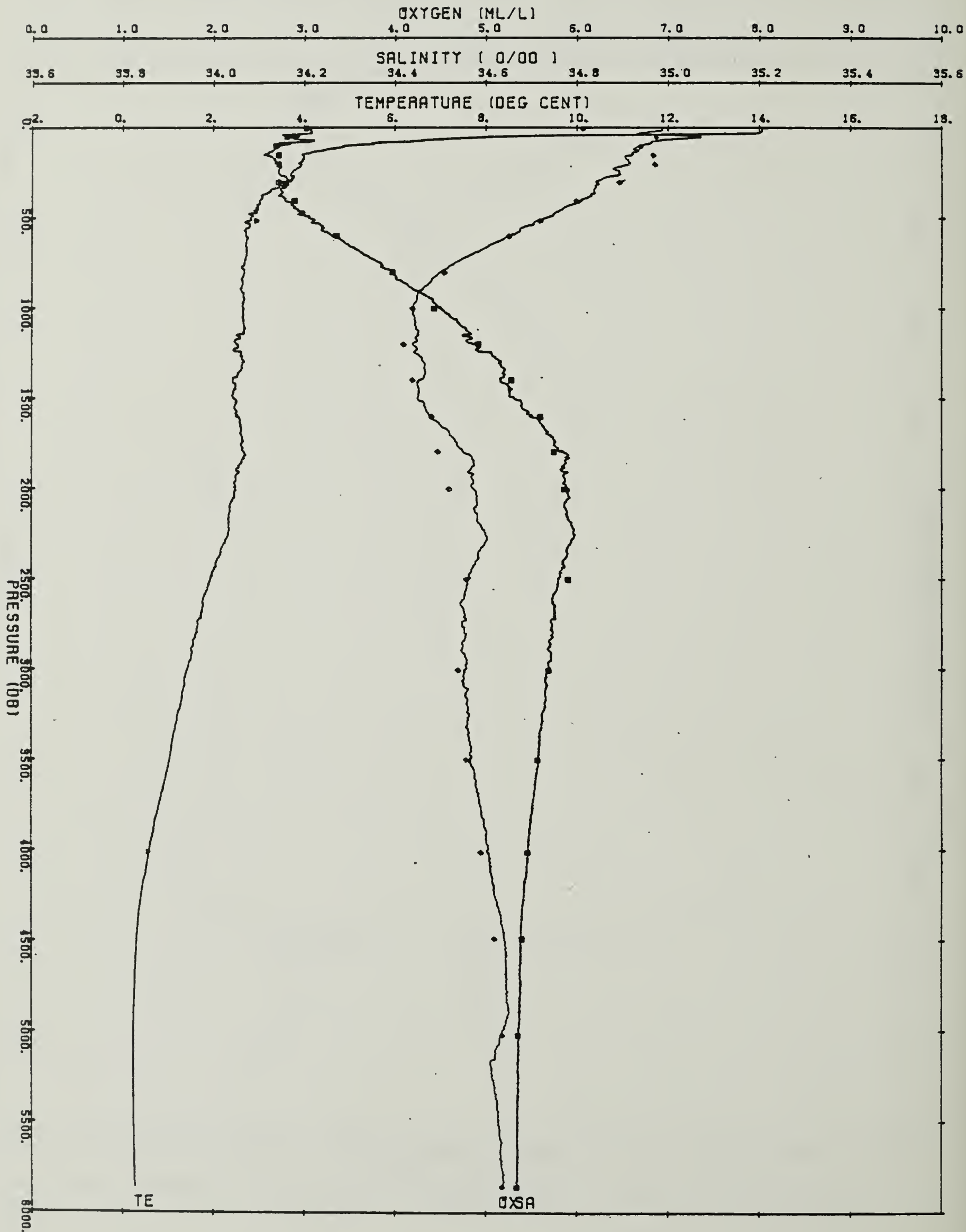
AT107

ST 85



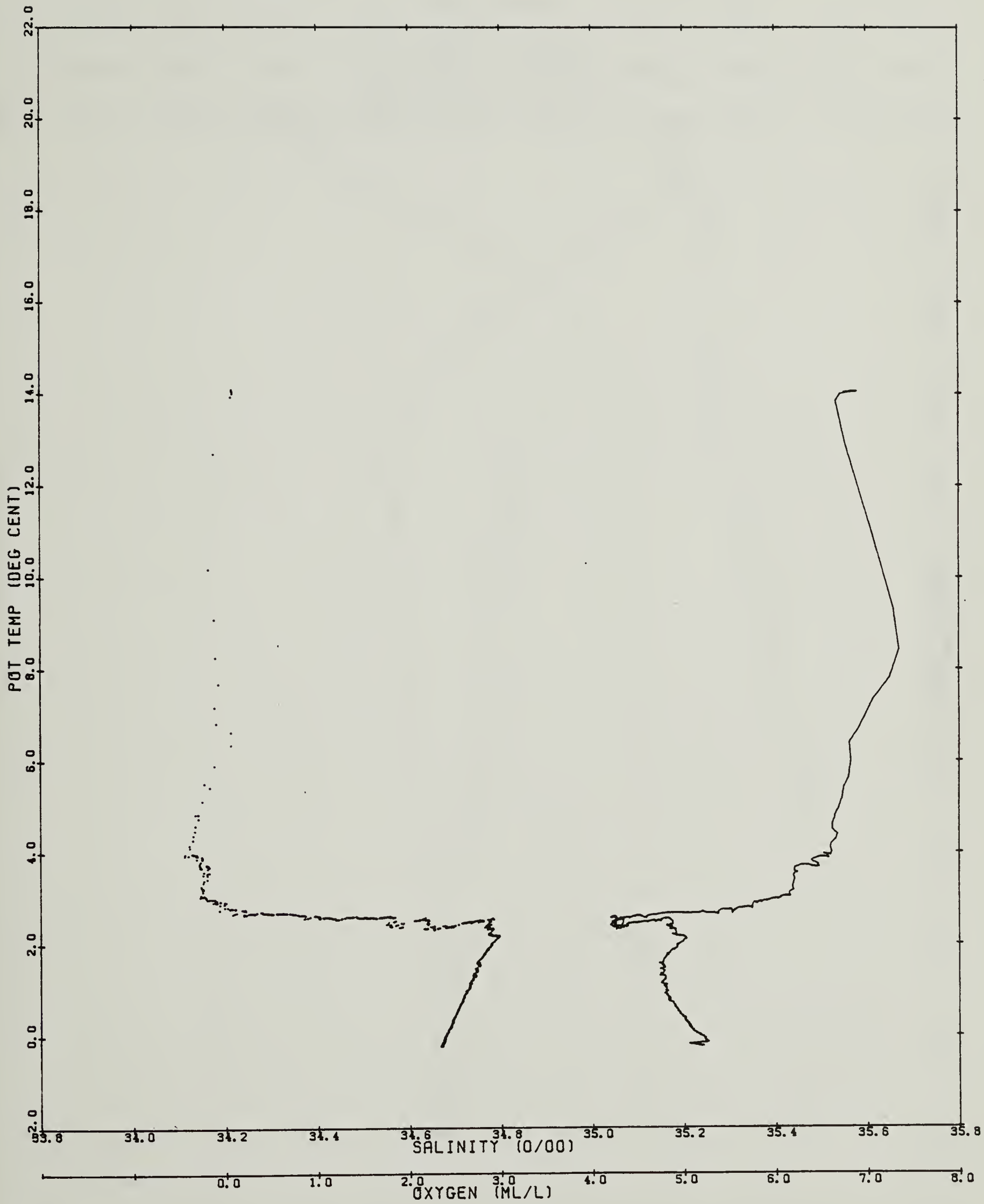
AT107

ST 86



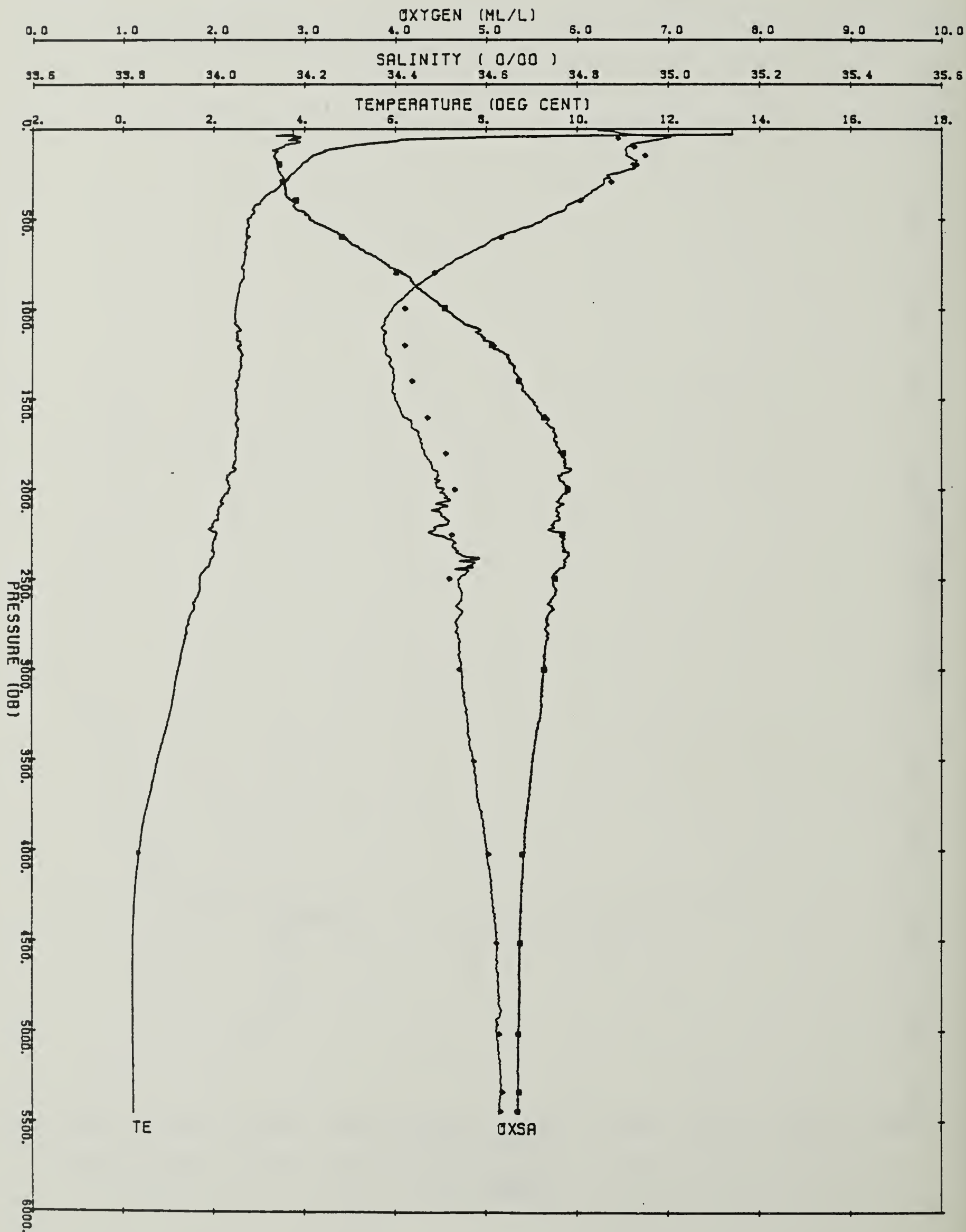
AT107

ST 86



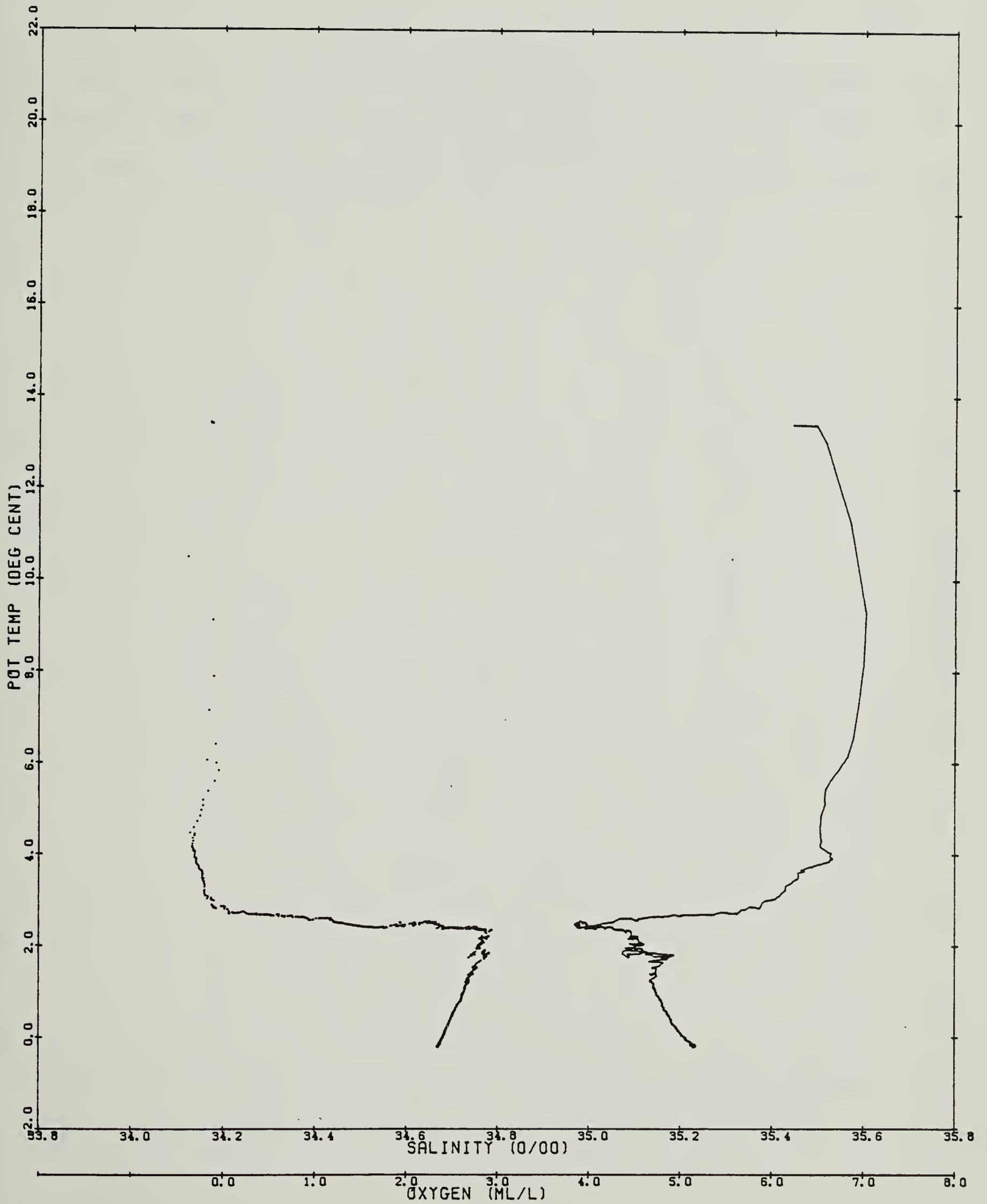
AT107

ST 87



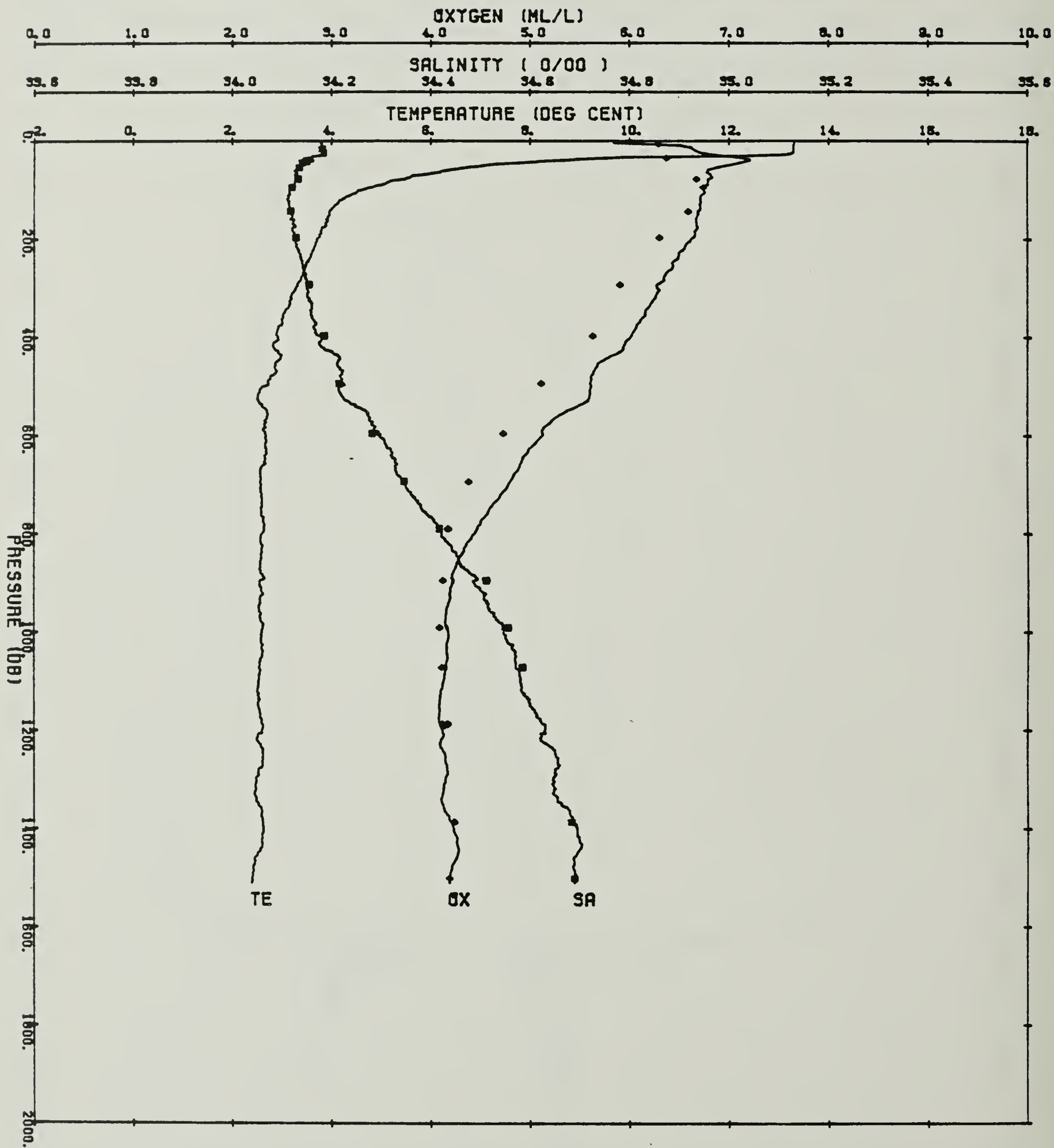
AT107

ST 87



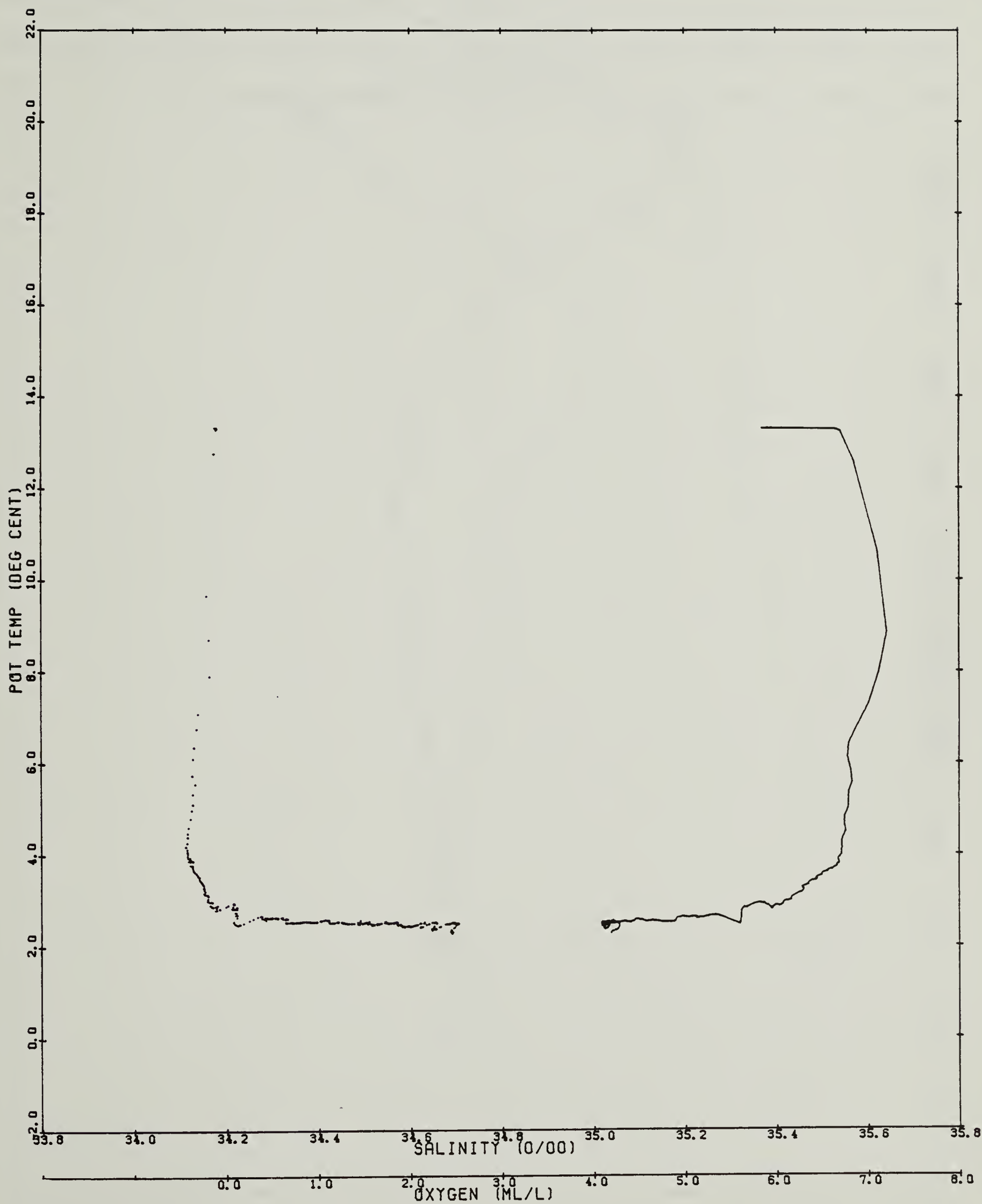
AT107

ST 88



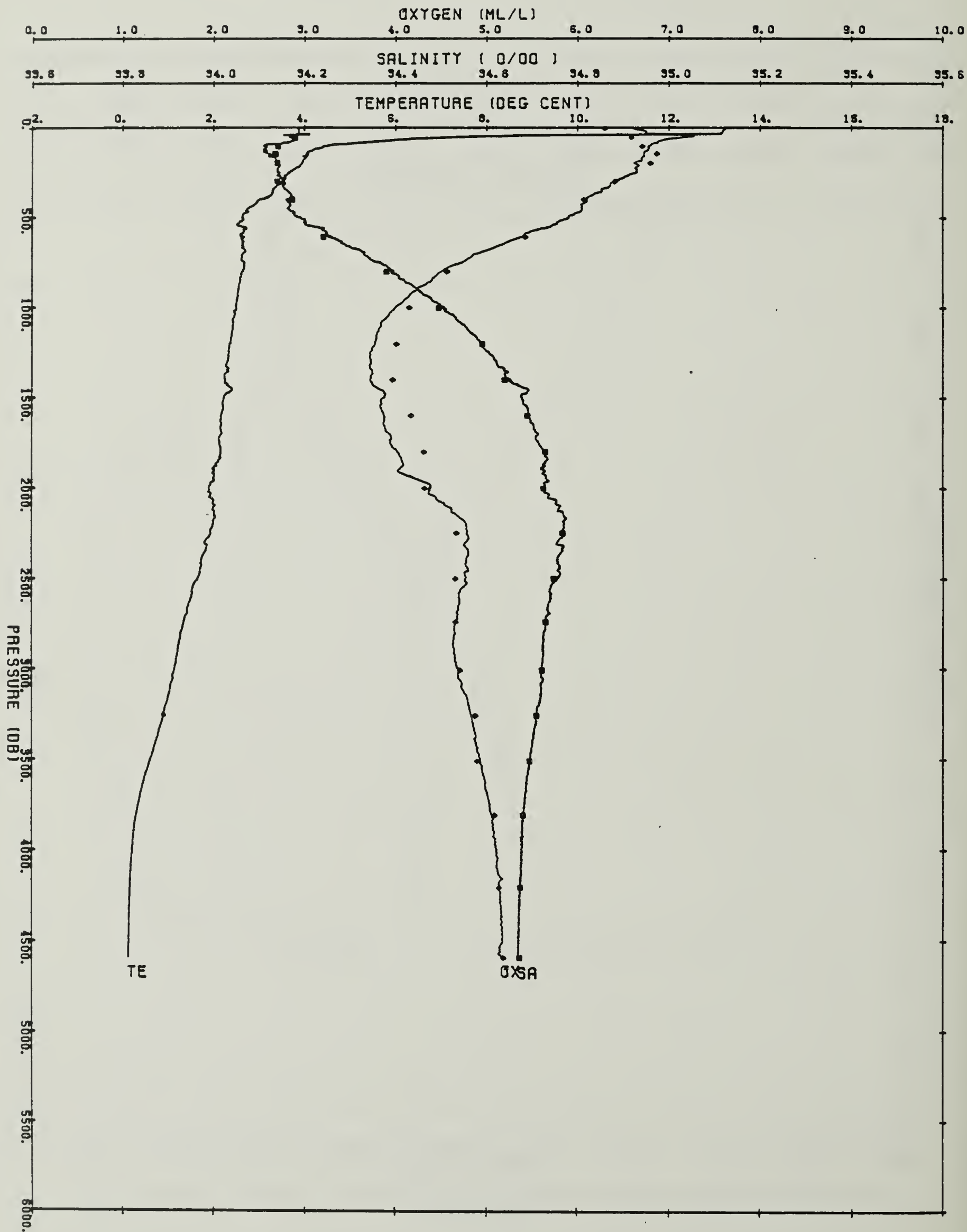
AT107

ST 88

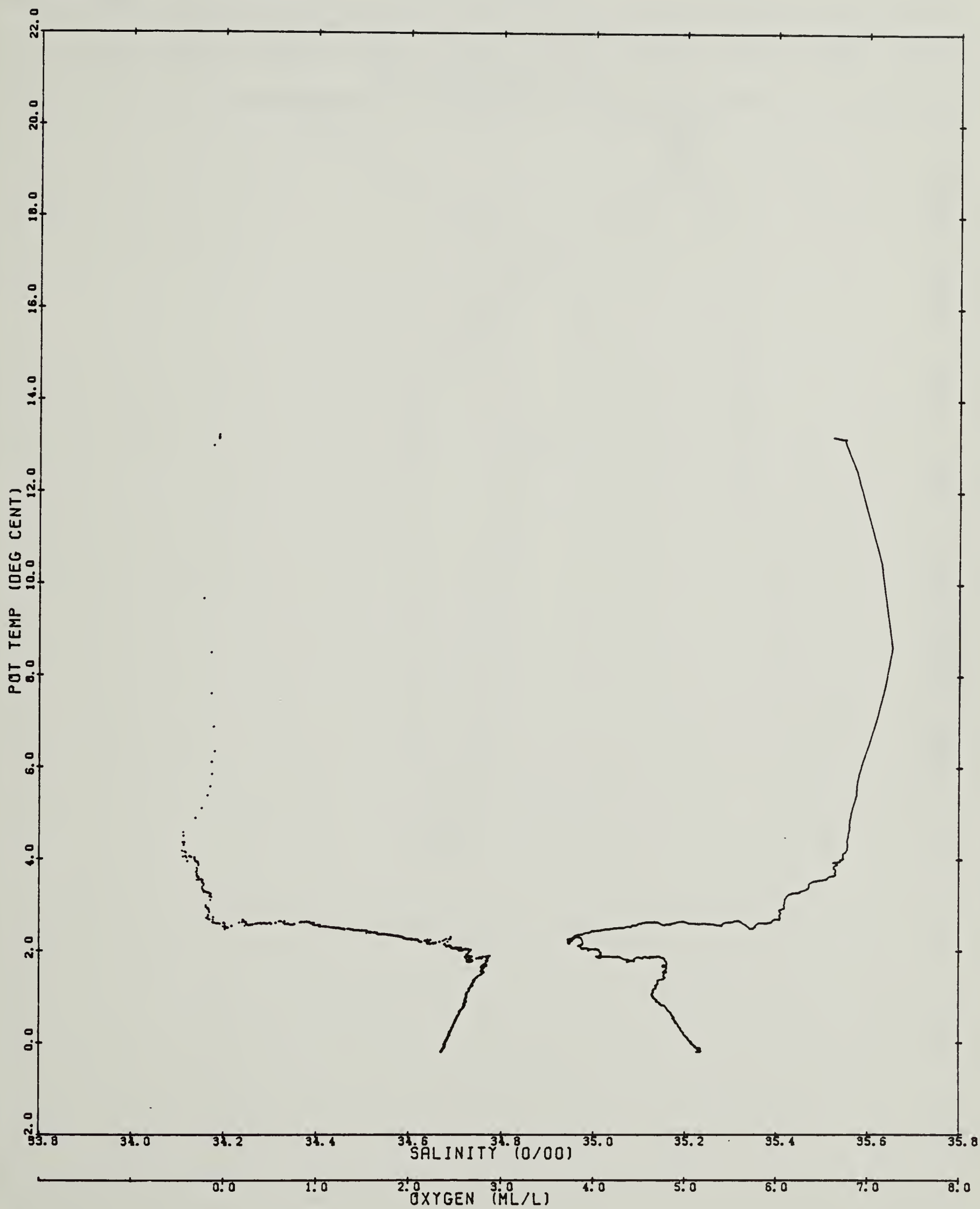


AT107

ST 89

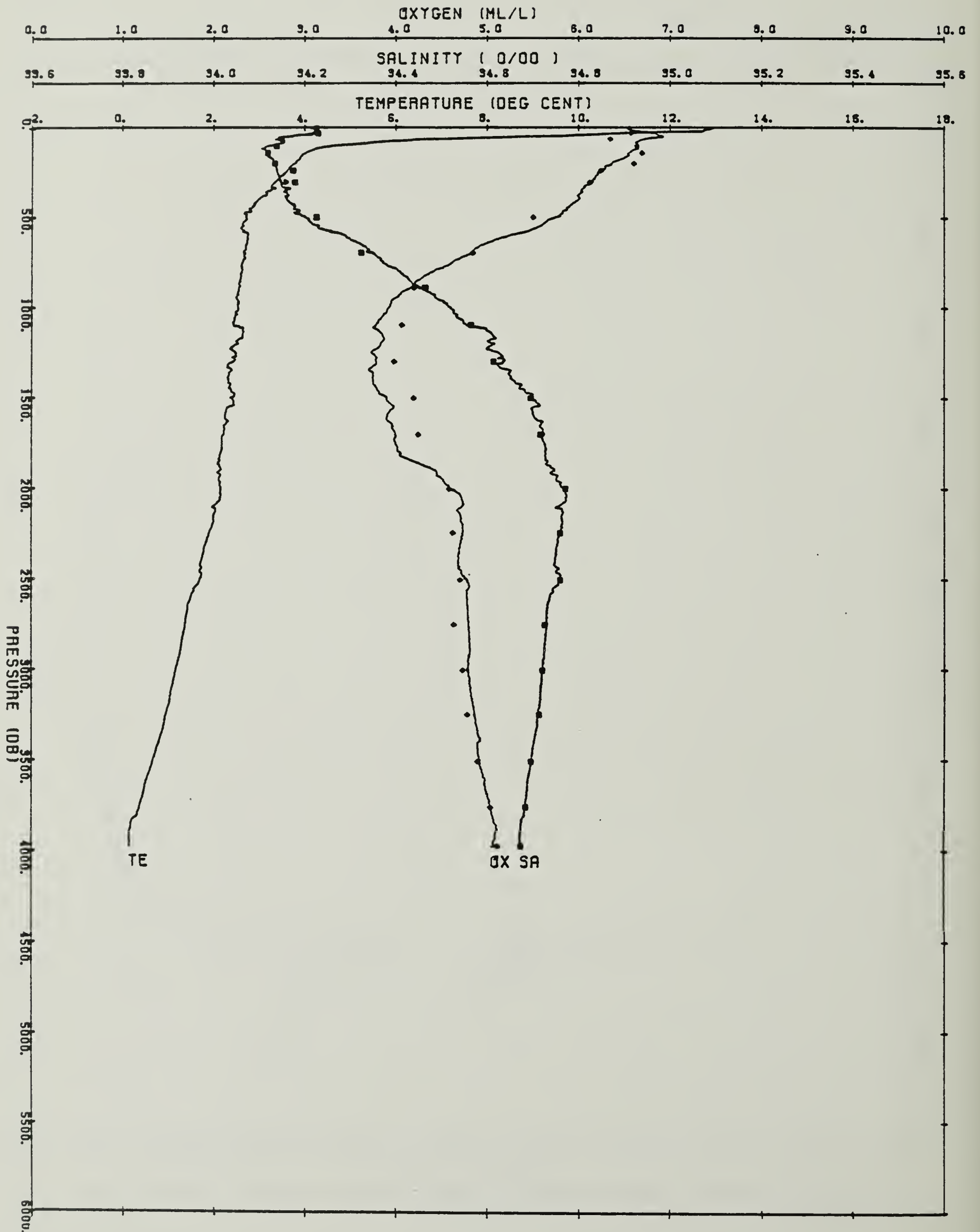


ST 89



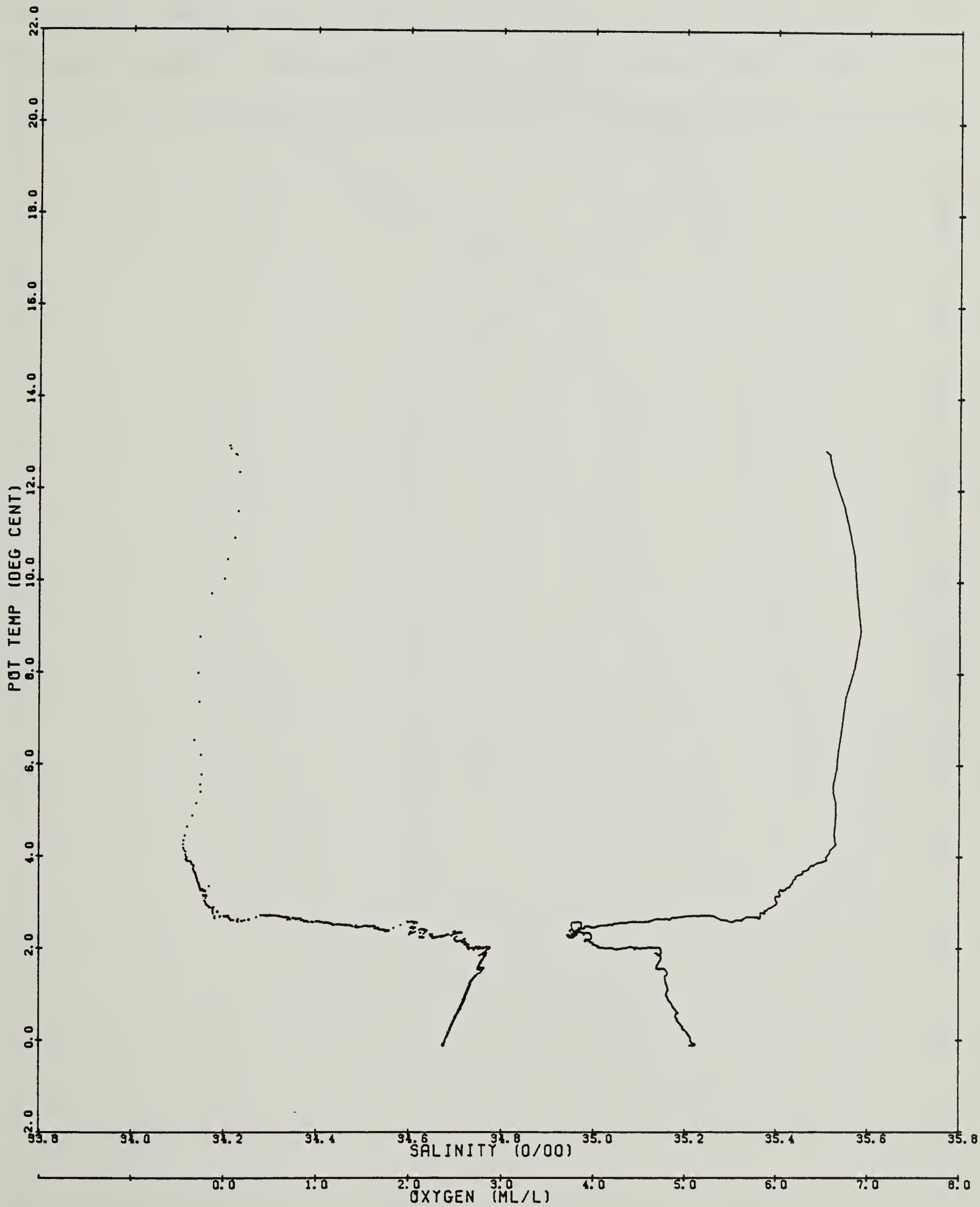
AT107

ST 90



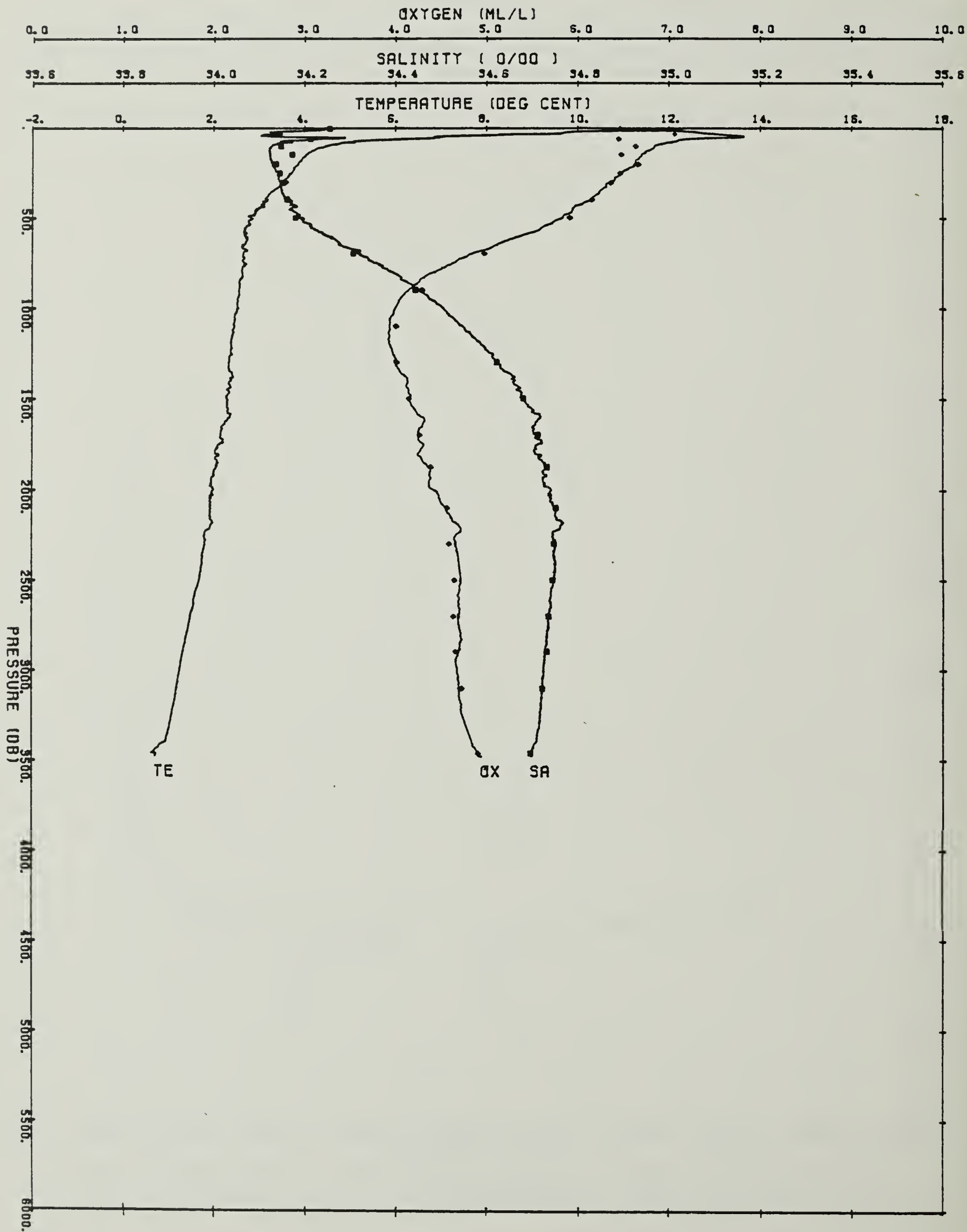
AT107

ST 90



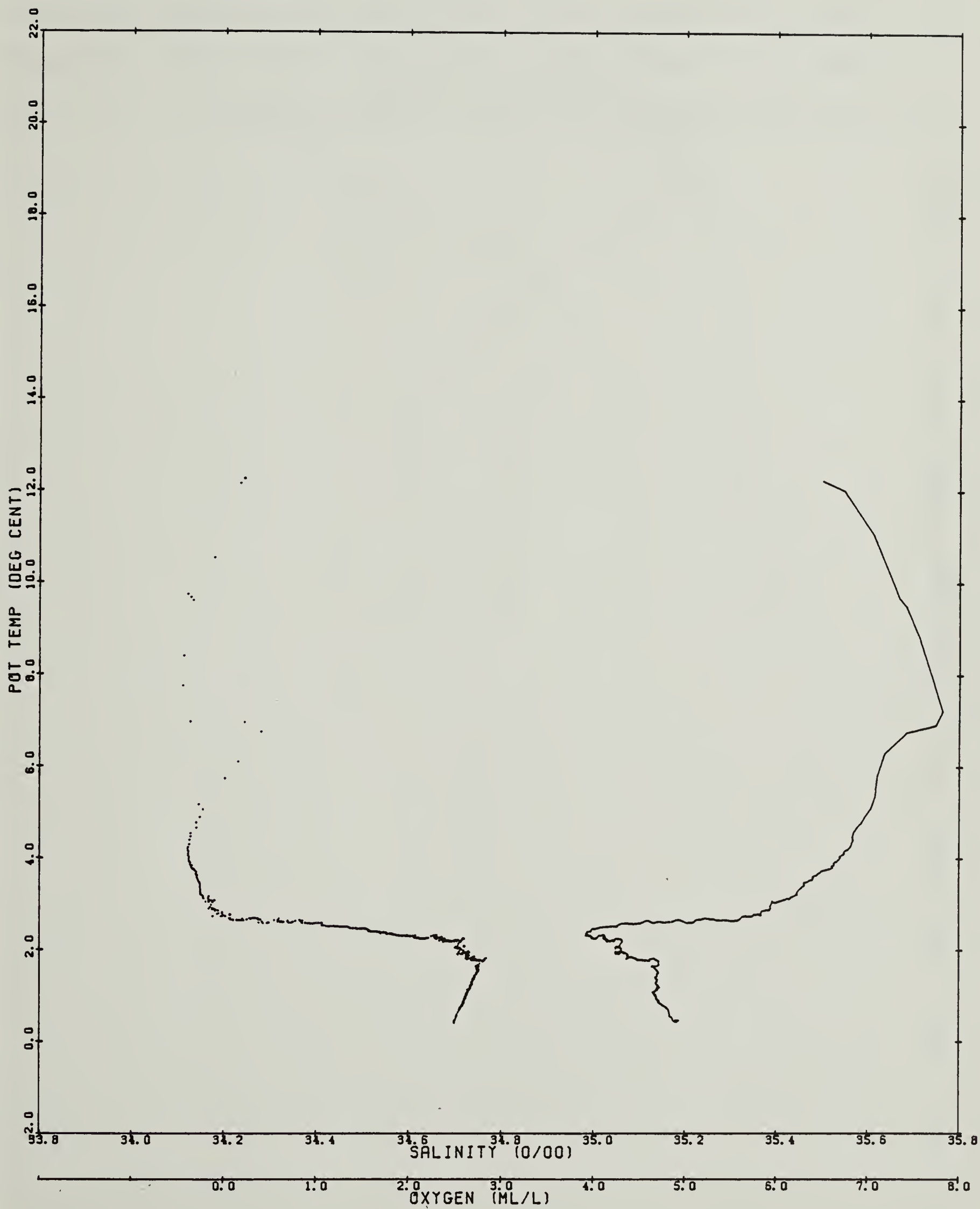
AT107

ST 91



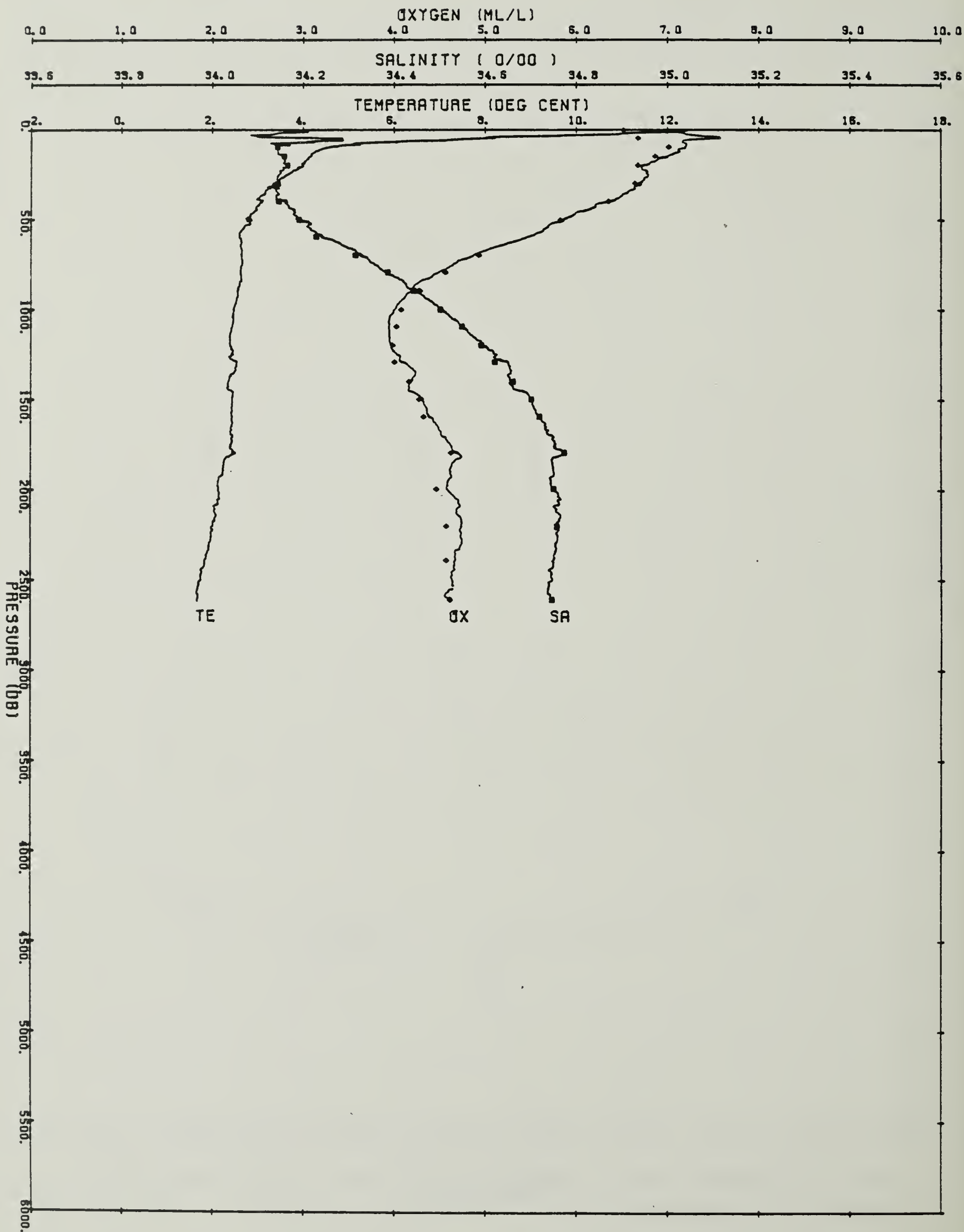
AT107

ST 91



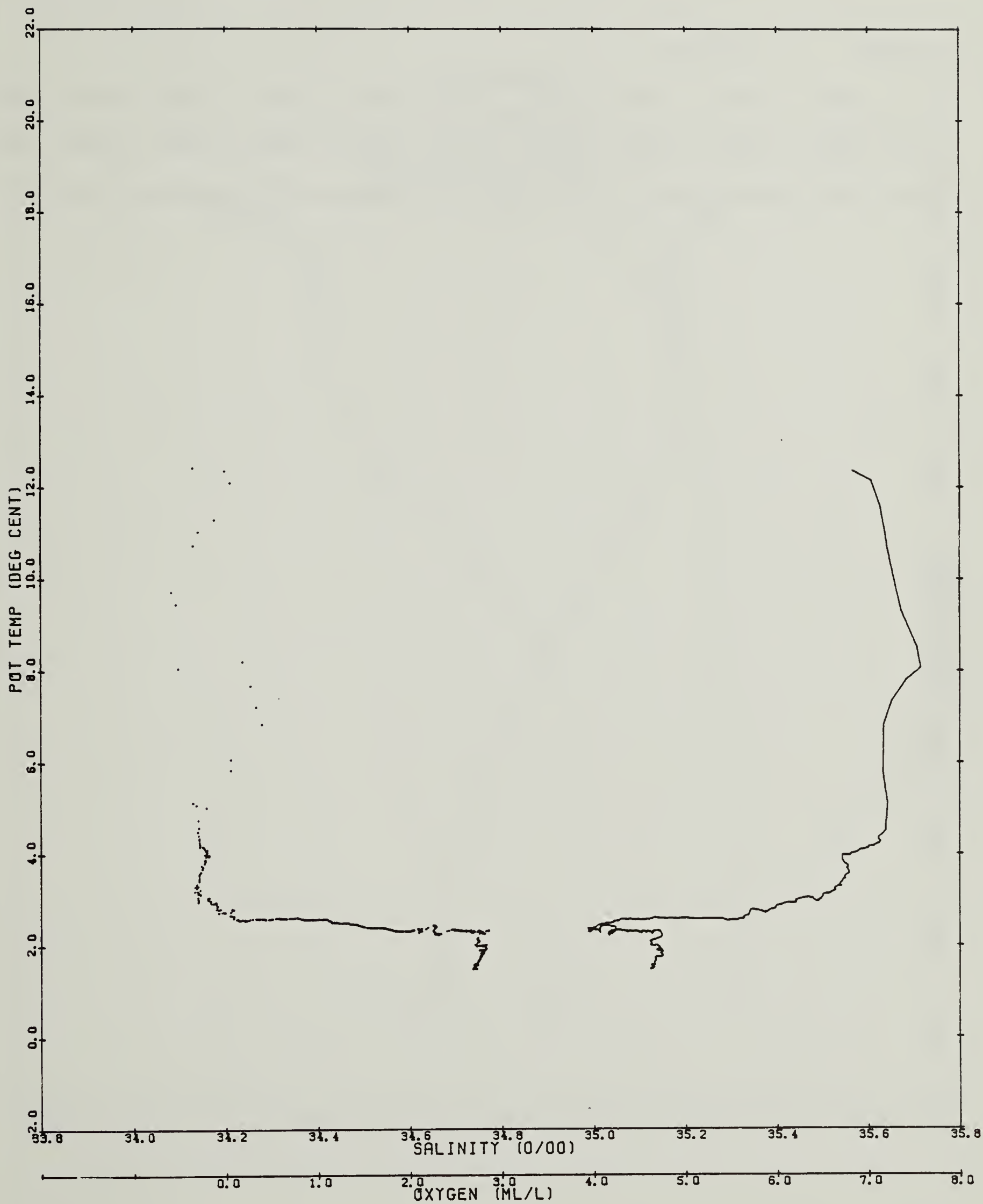
AT107

ST 92



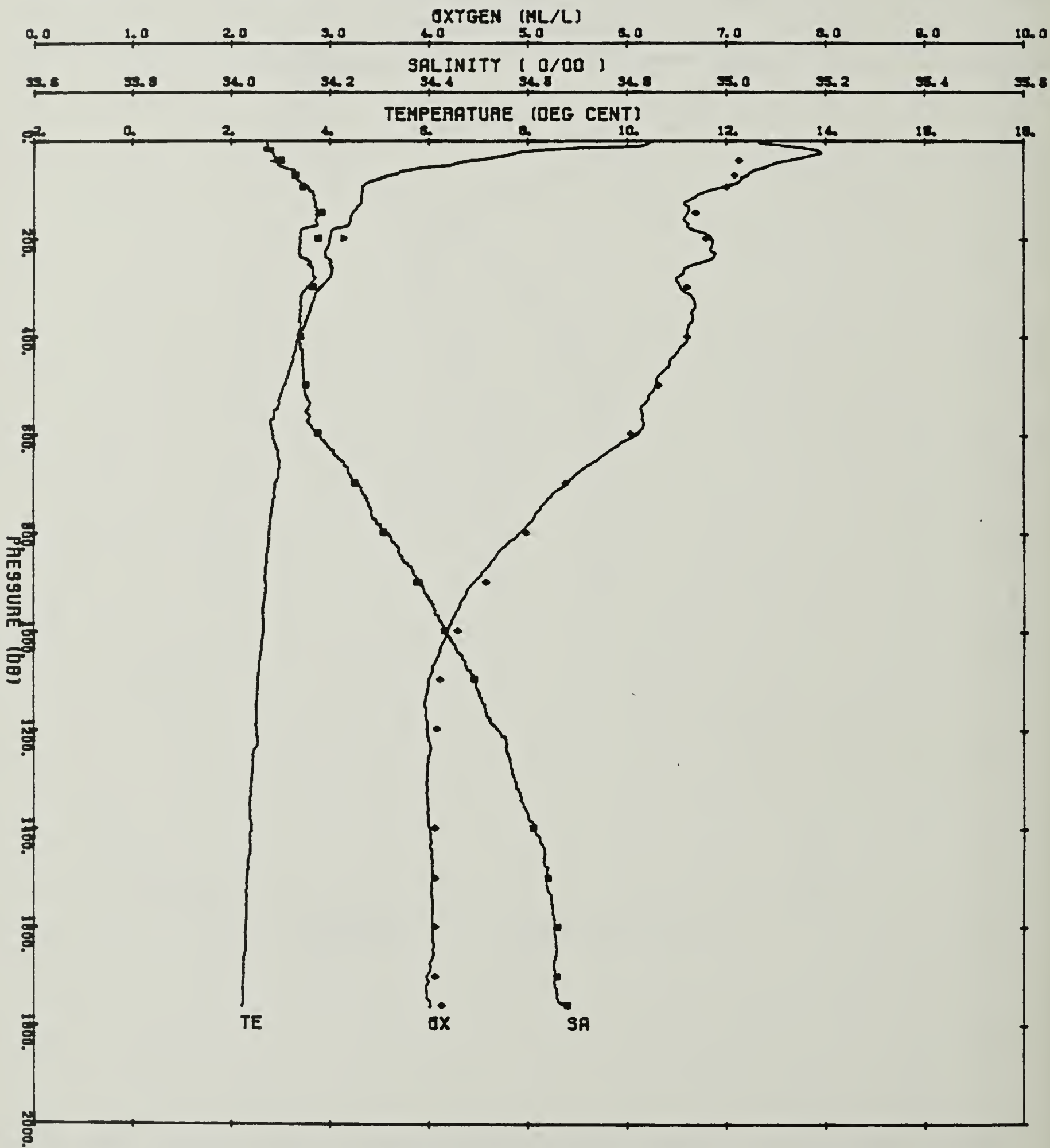
AT107

ST 92



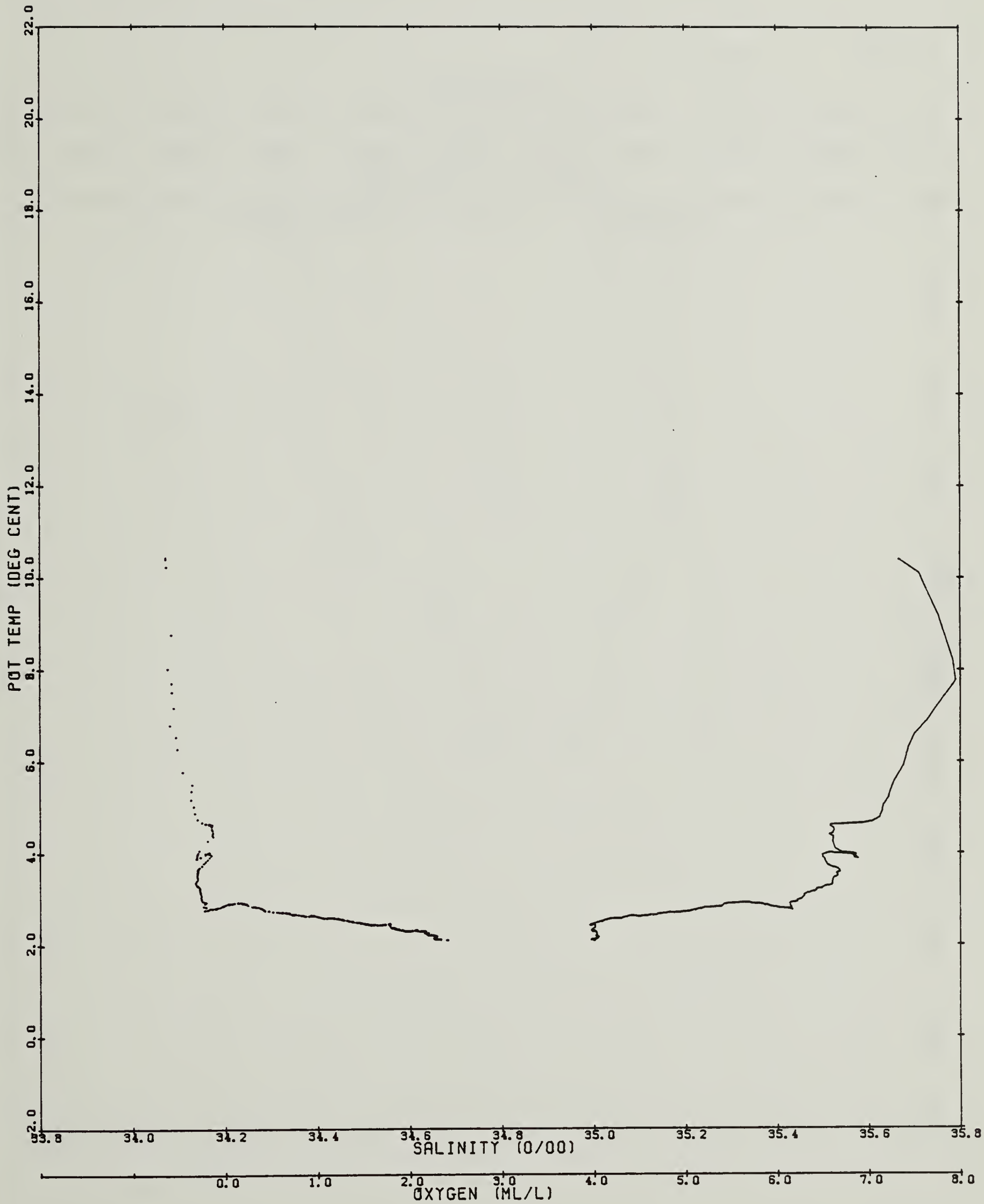
AT107

ST 93



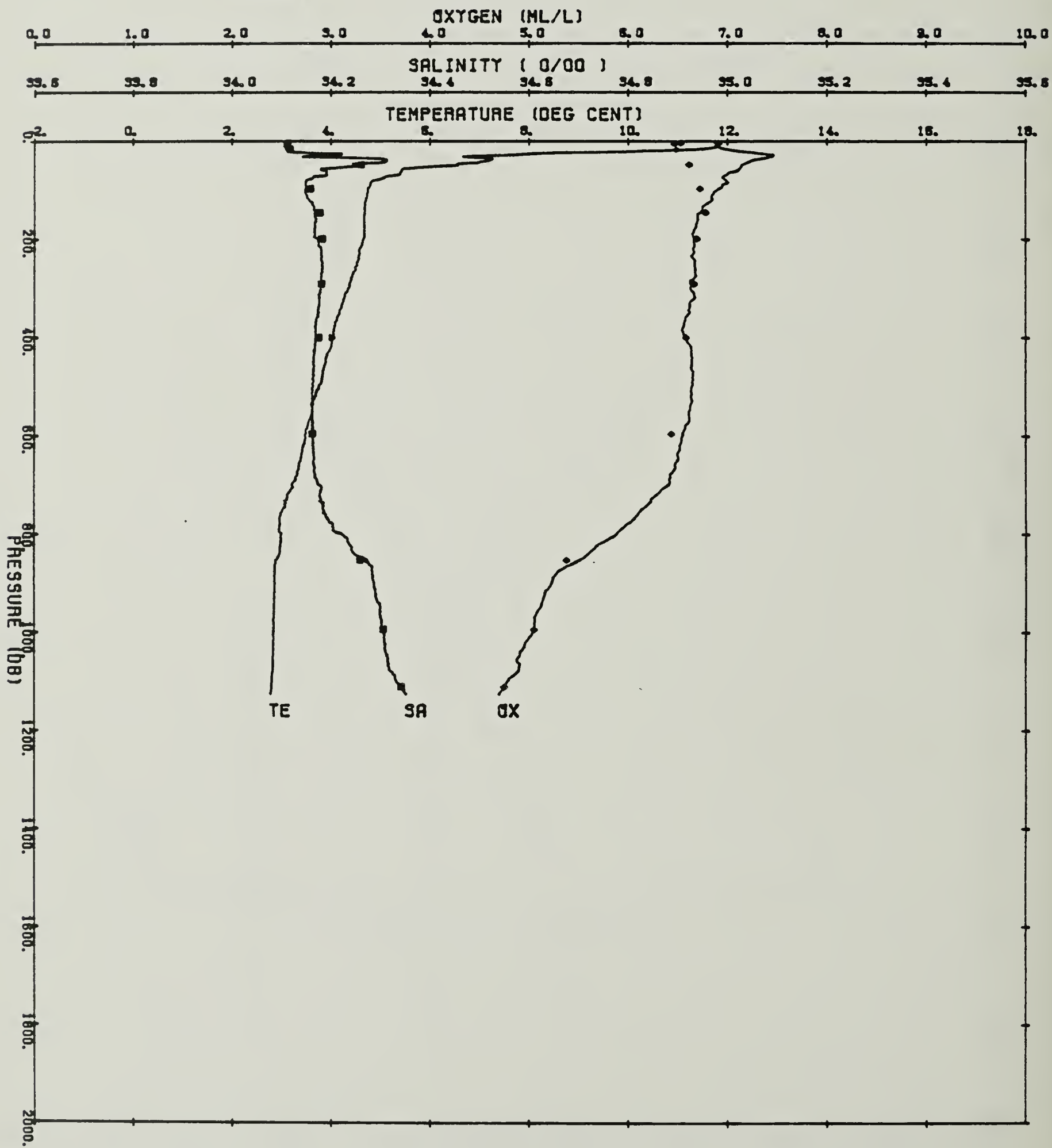
AT107

ST 93



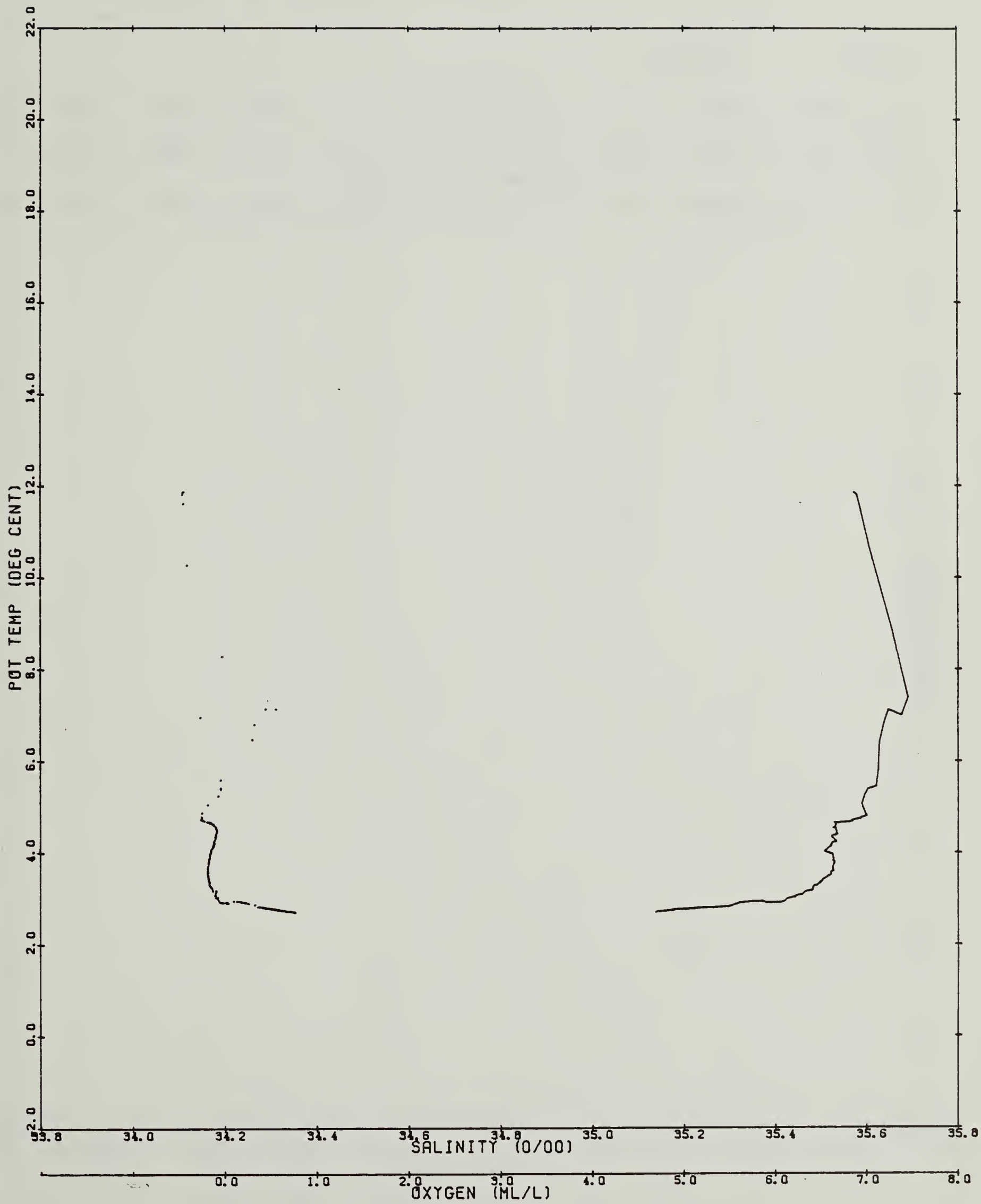
AT107

ST 94



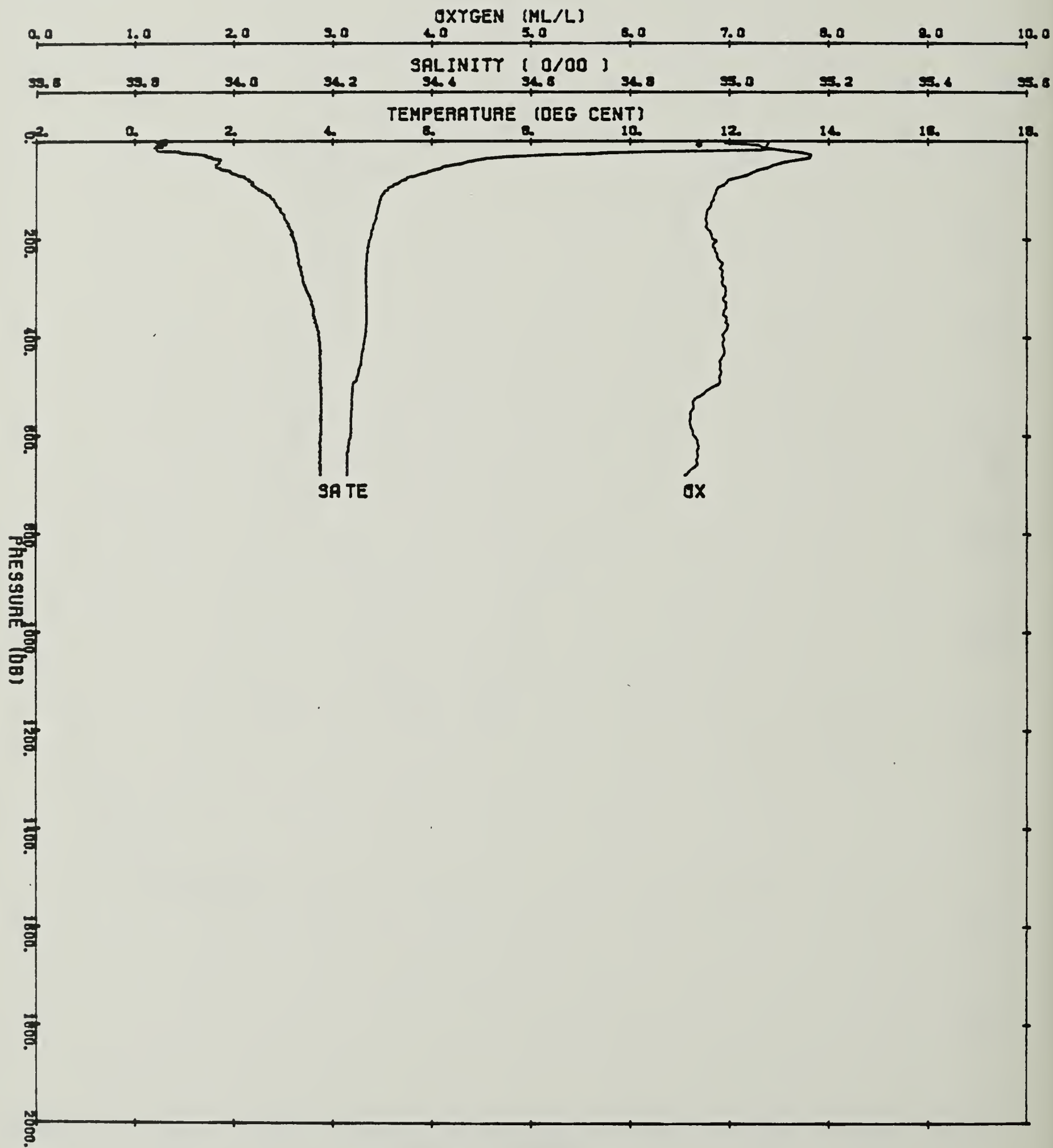
AT107

ST 94



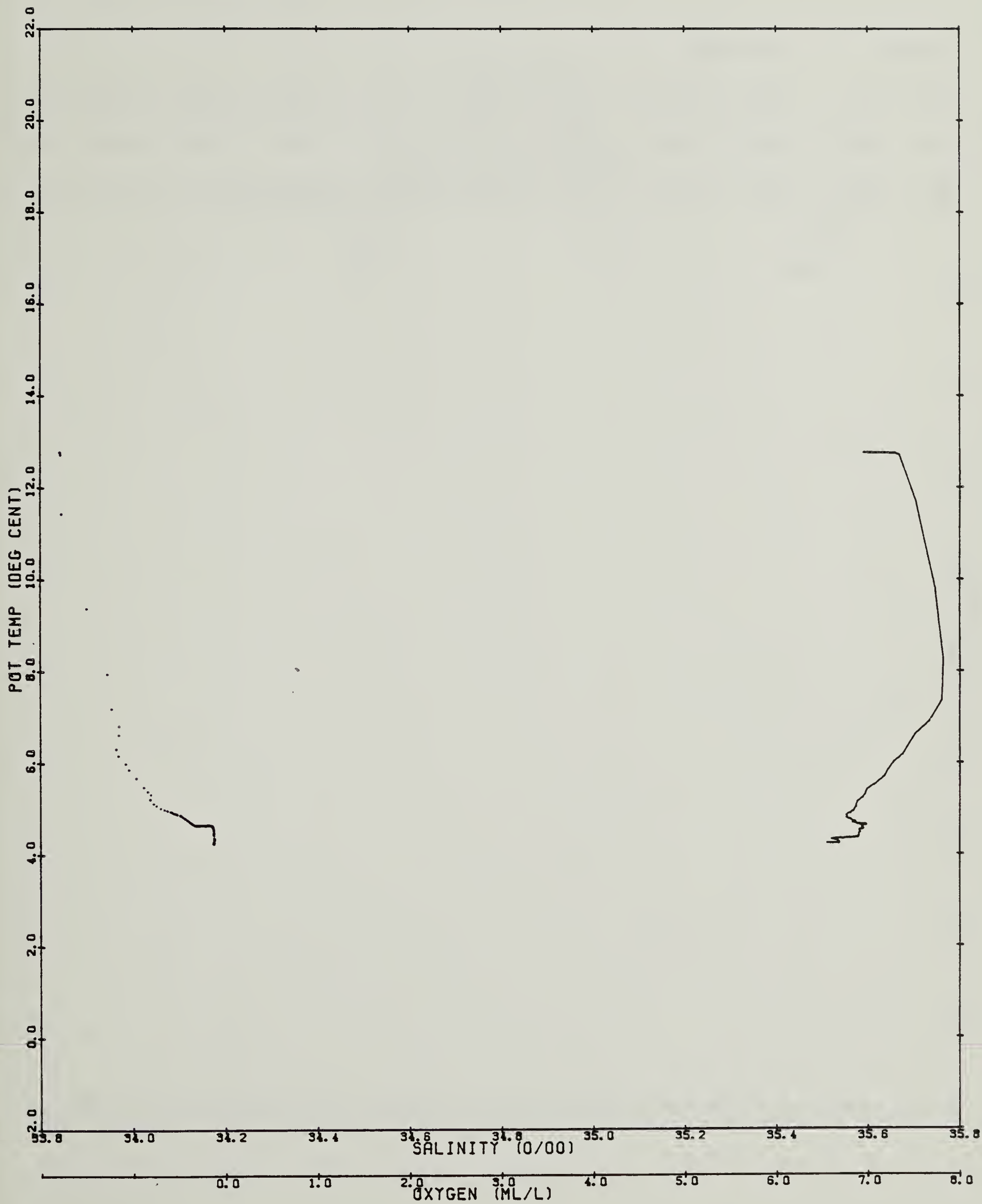
AT107

ST 95



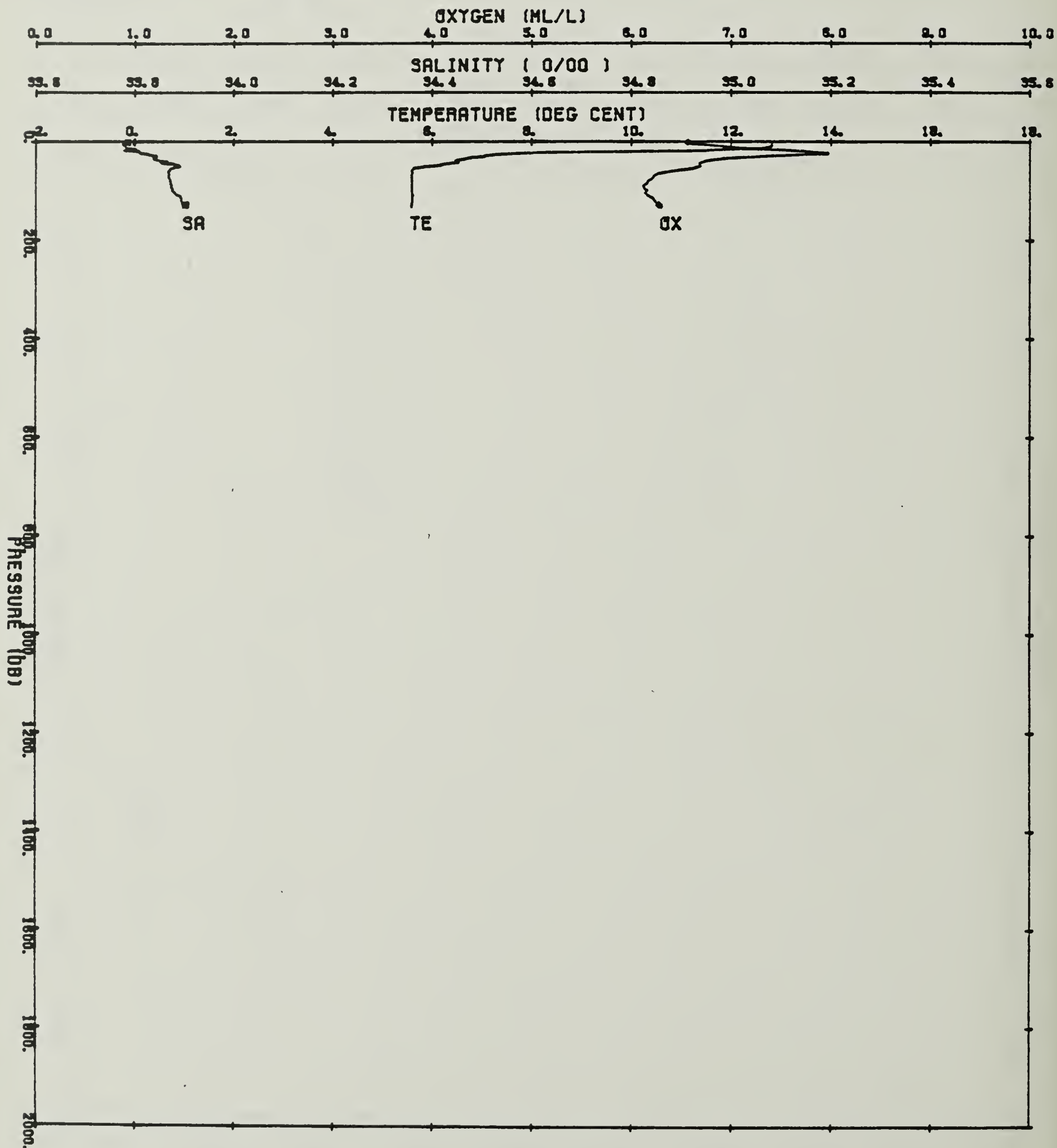
AT107

ST 95



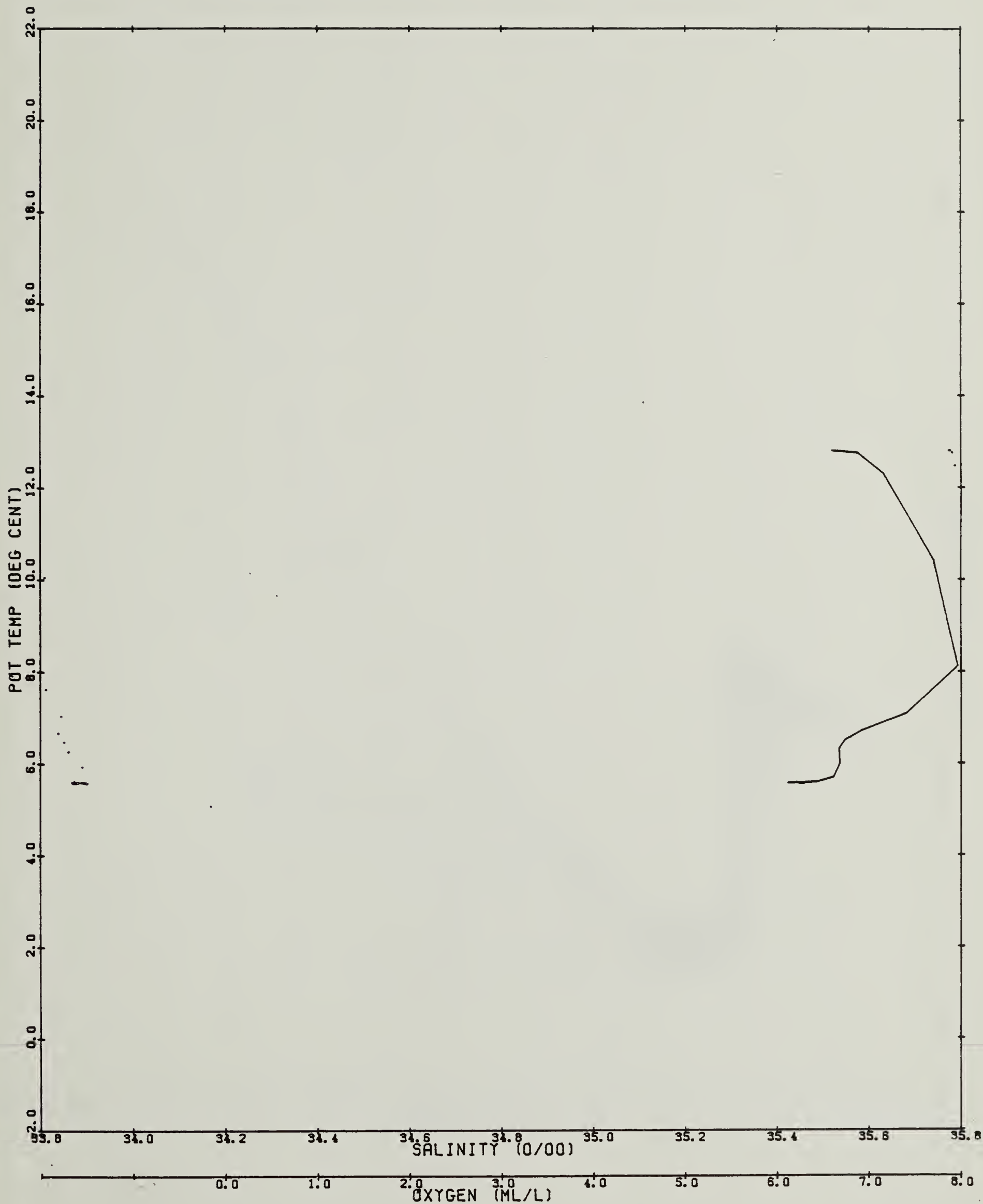
AT107

ST 96

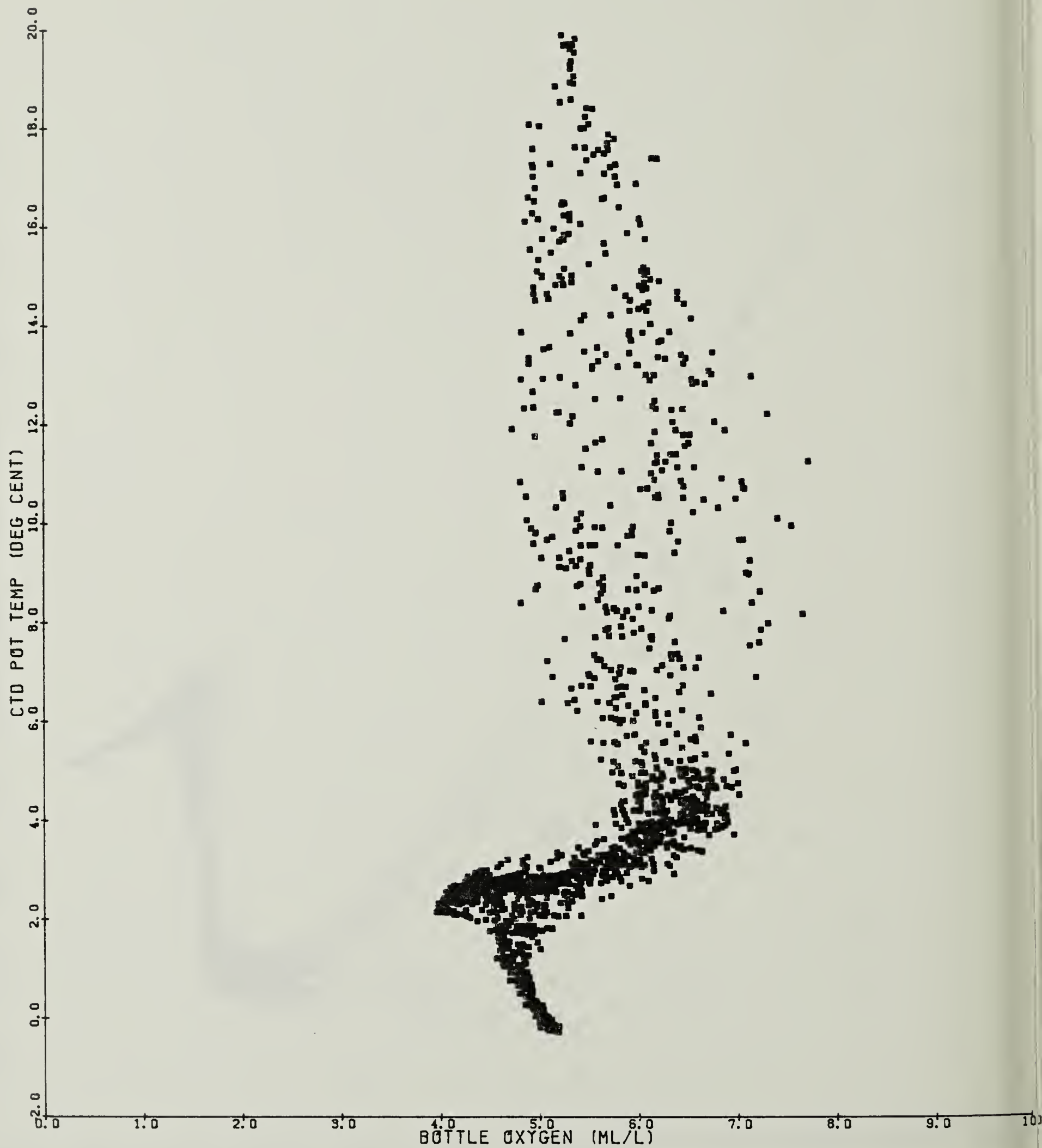


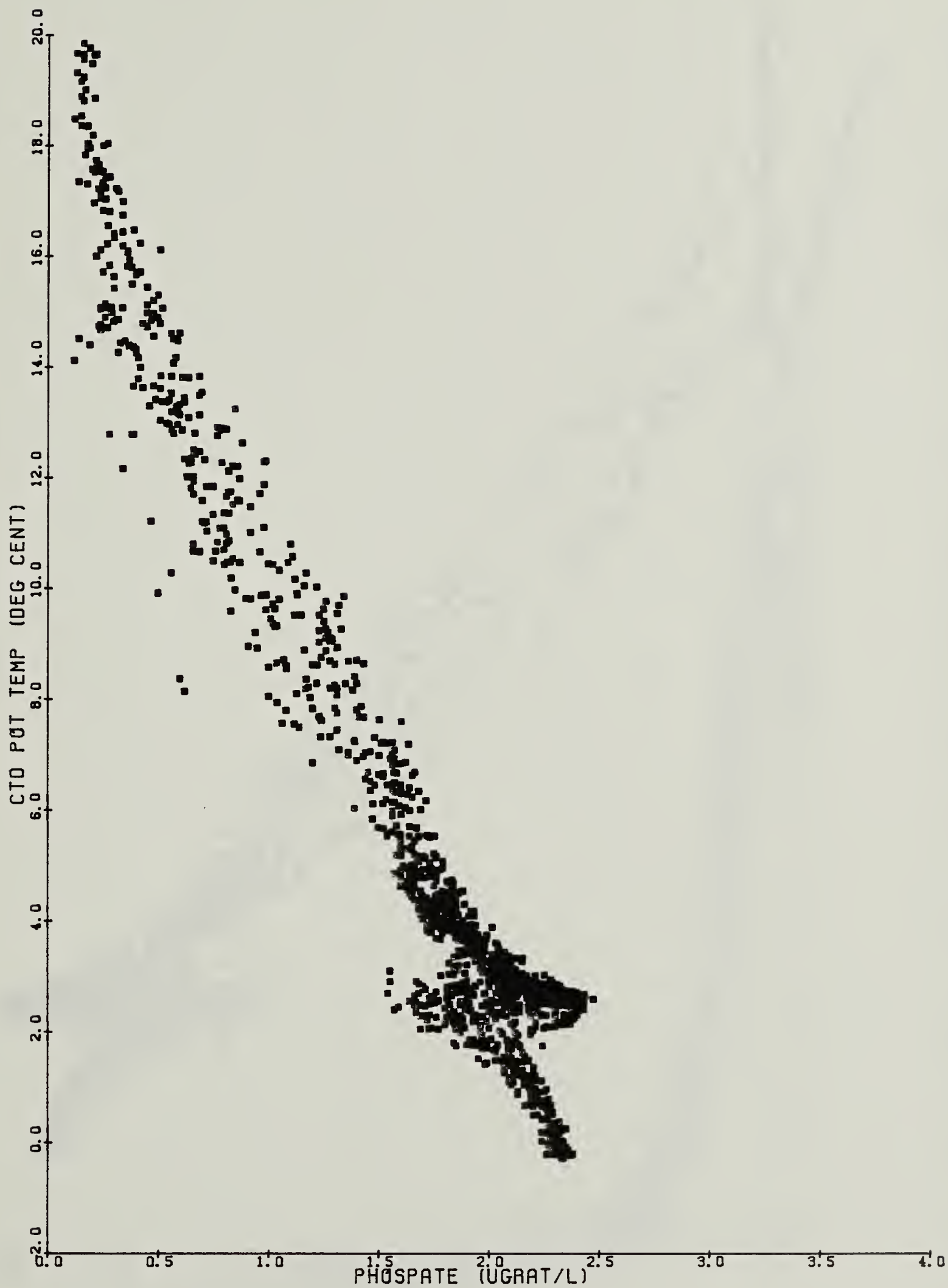
AT107

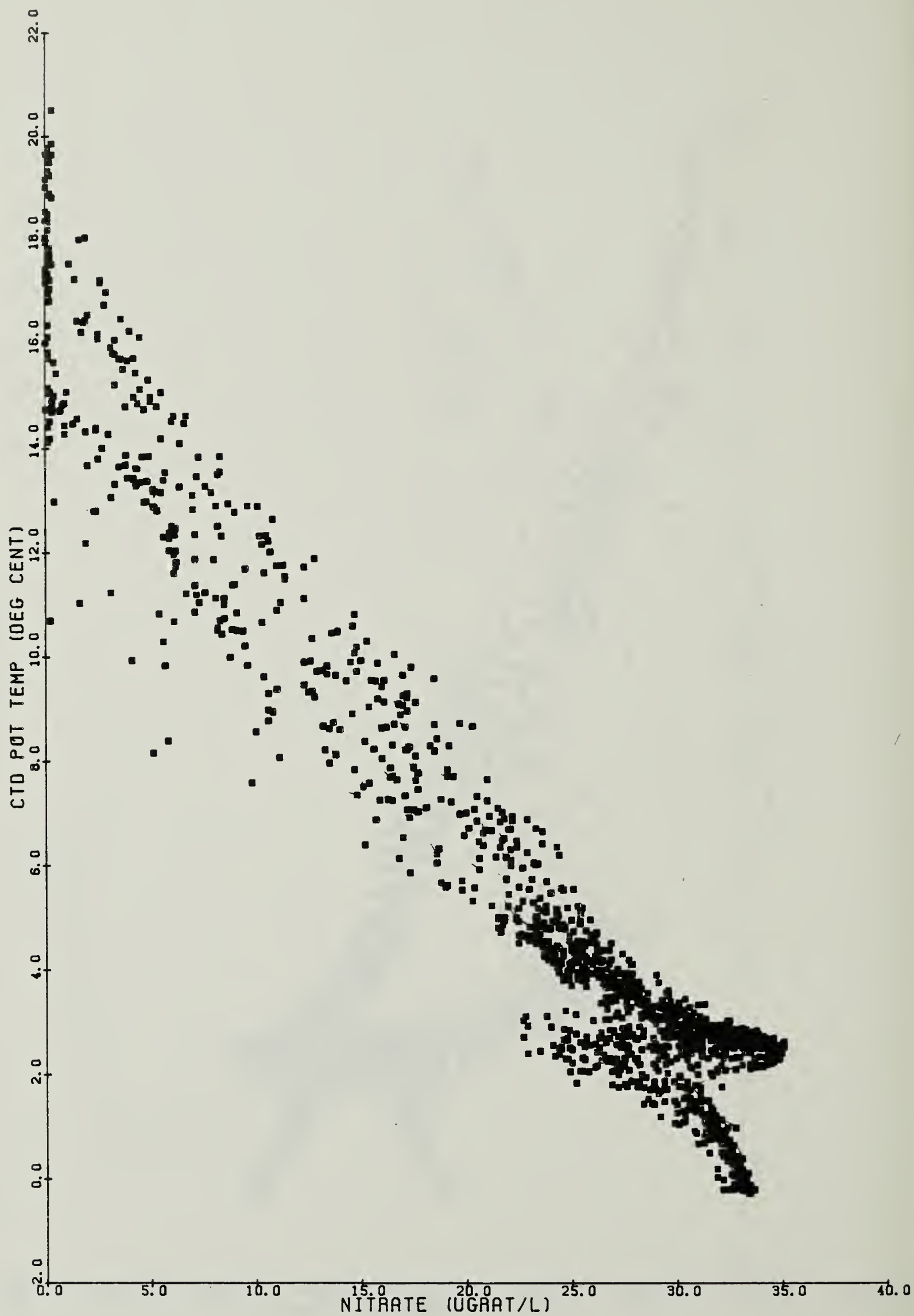
ST 96

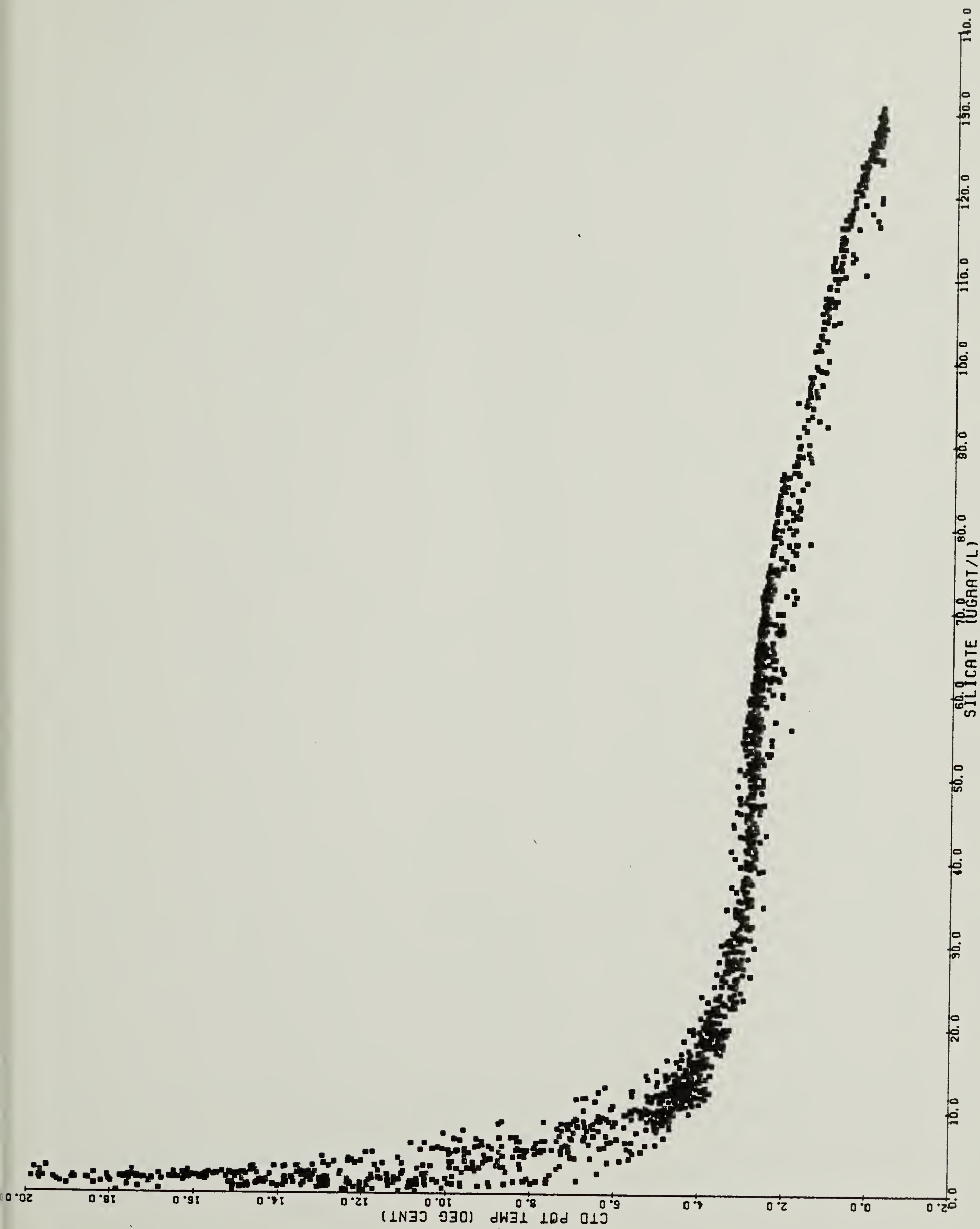


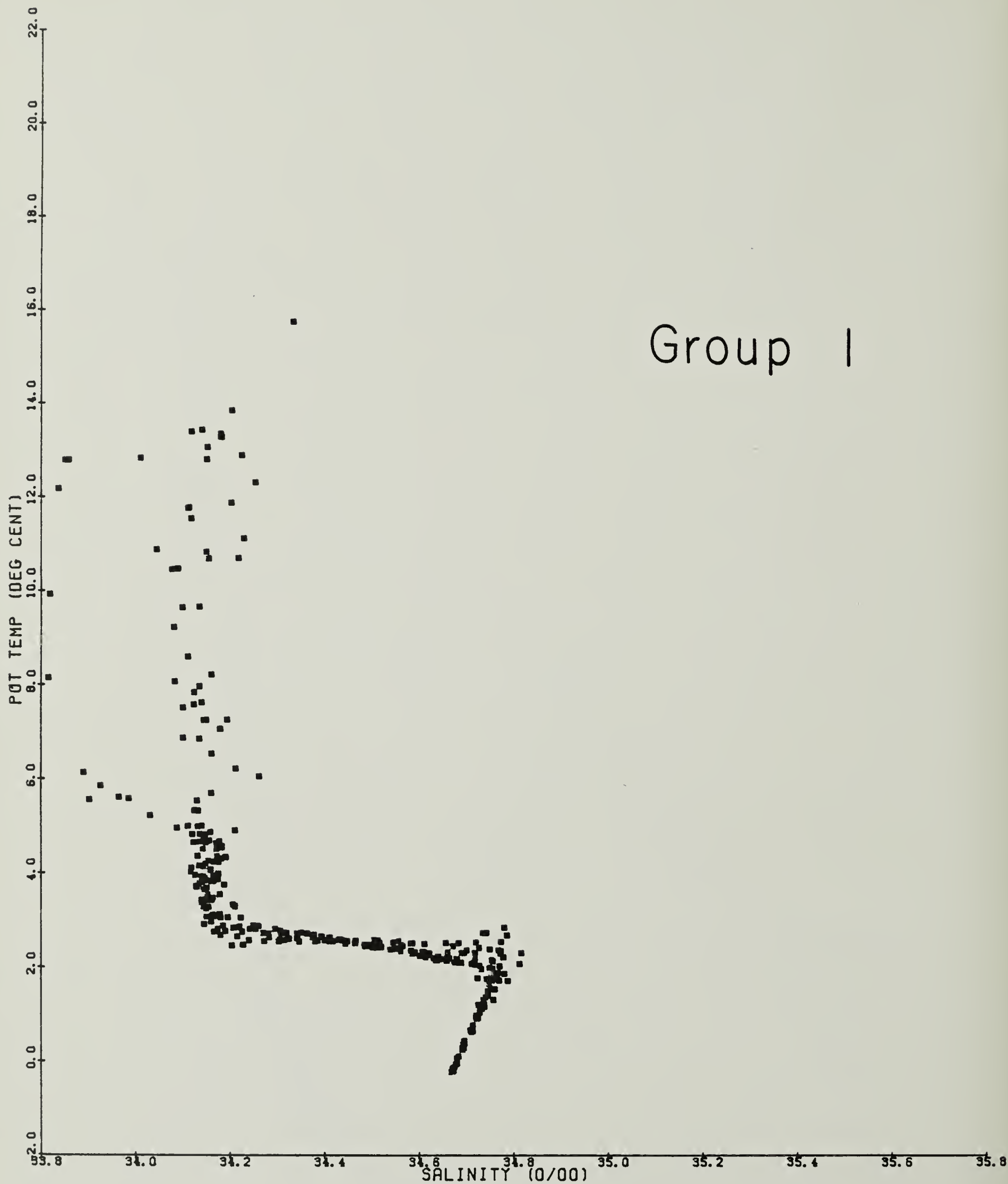


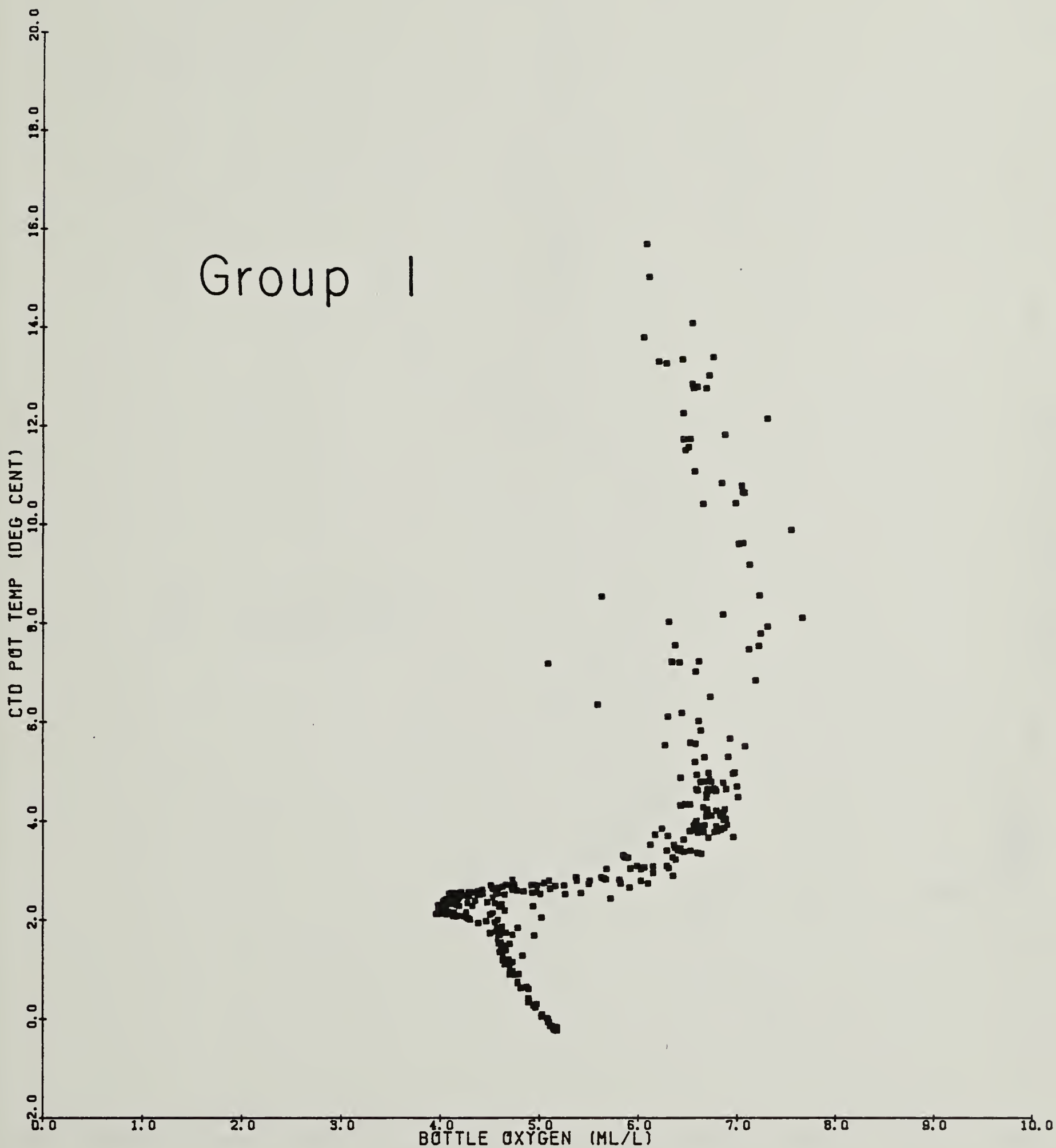


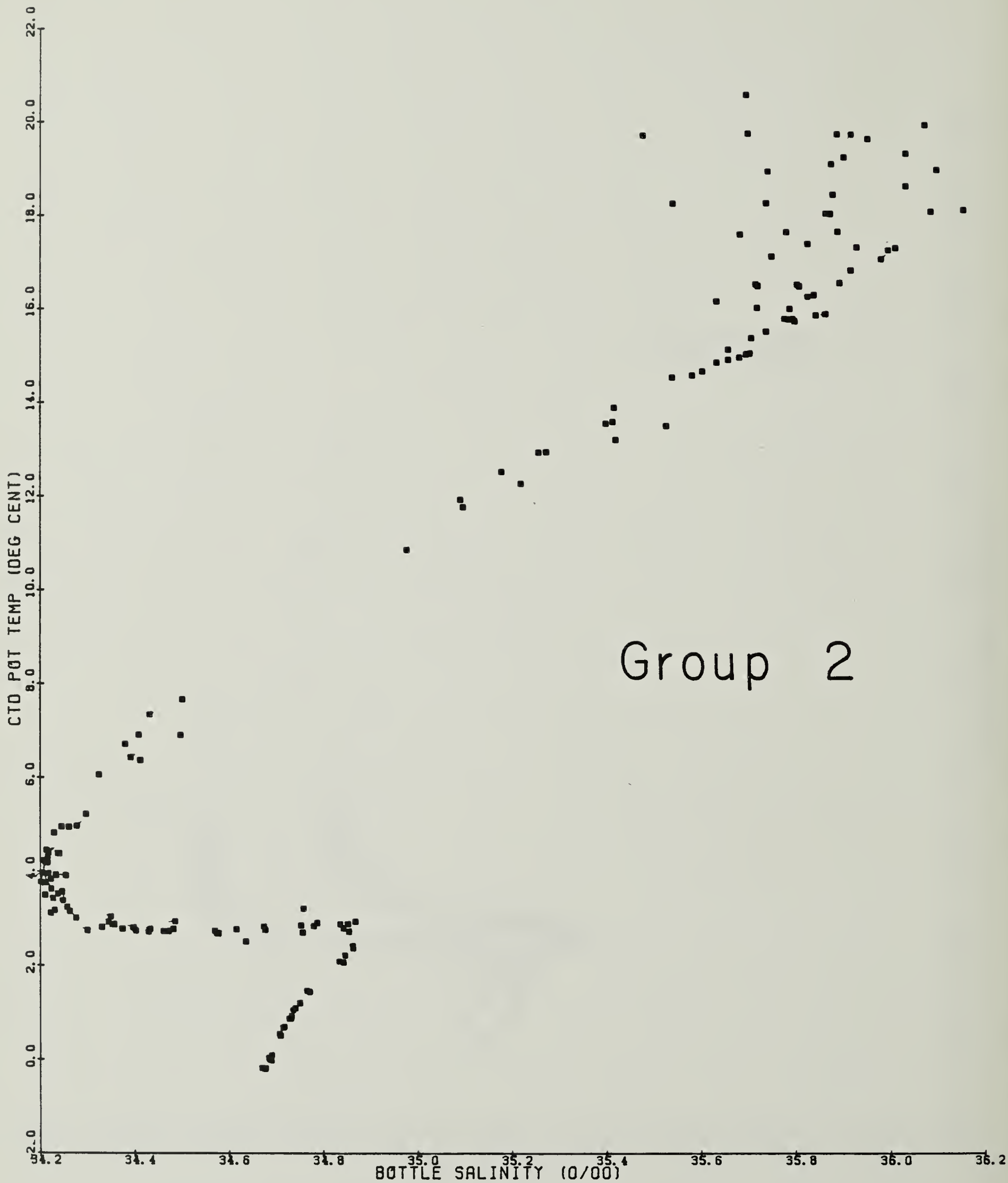




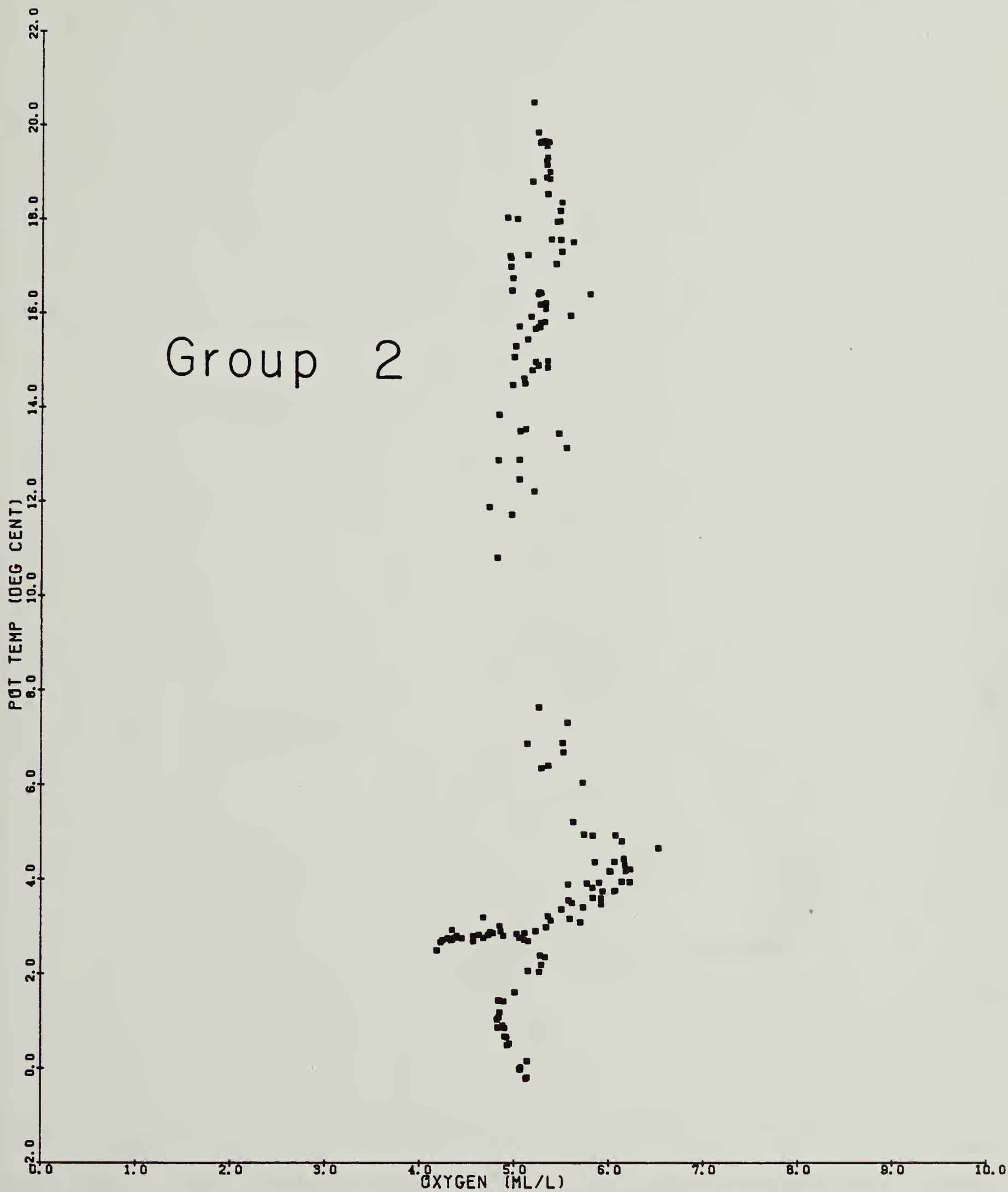


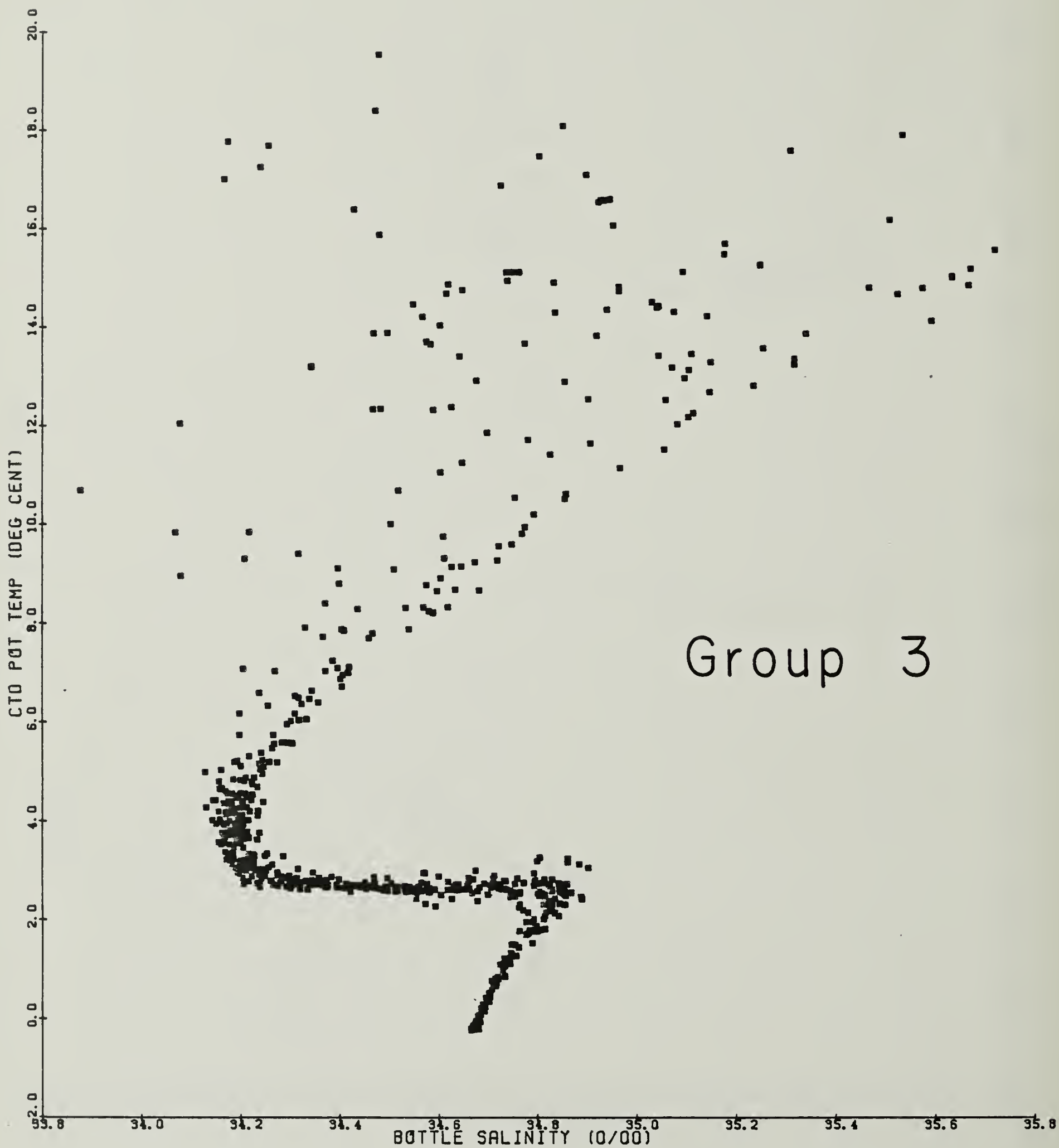




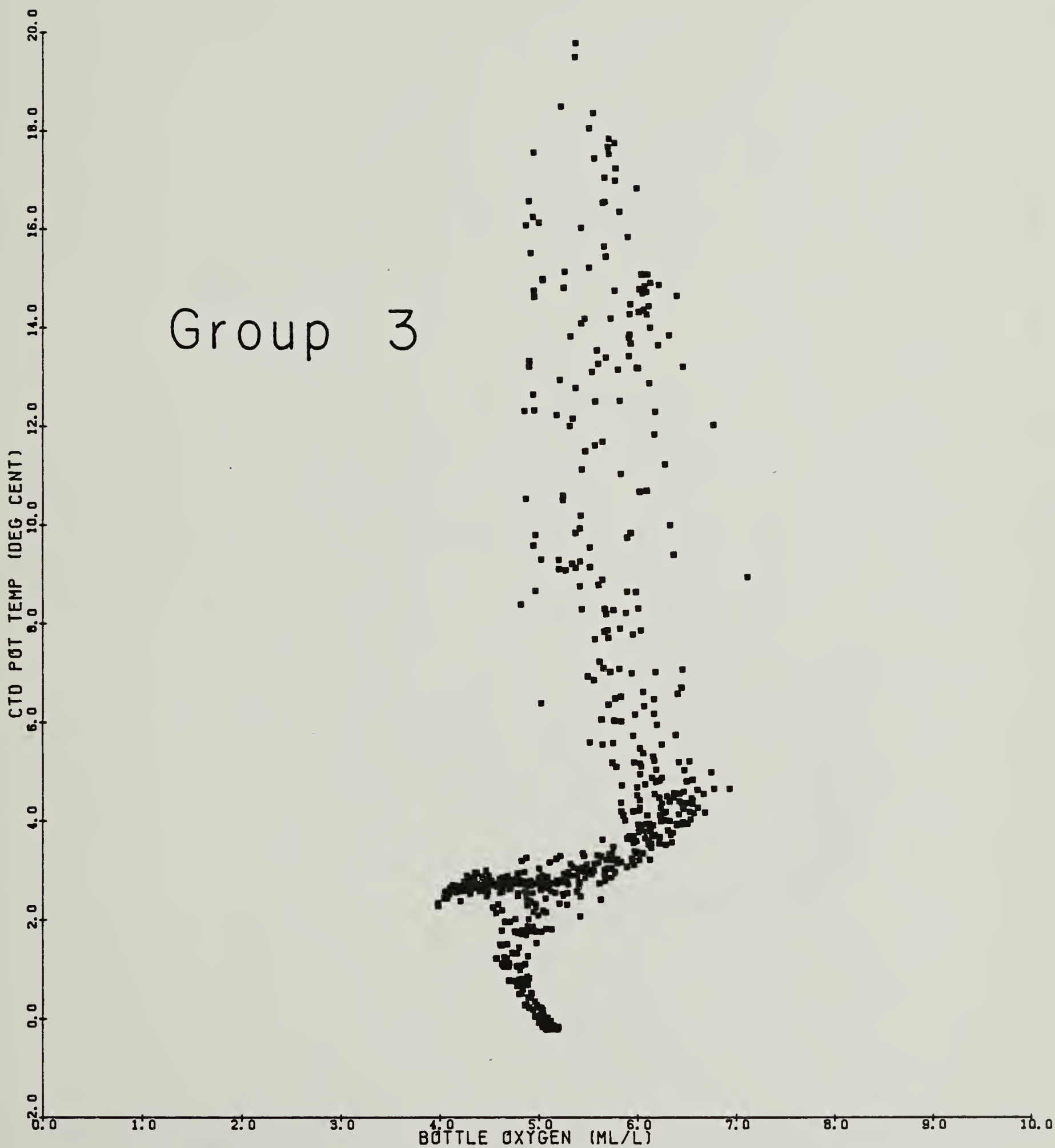


Group 2

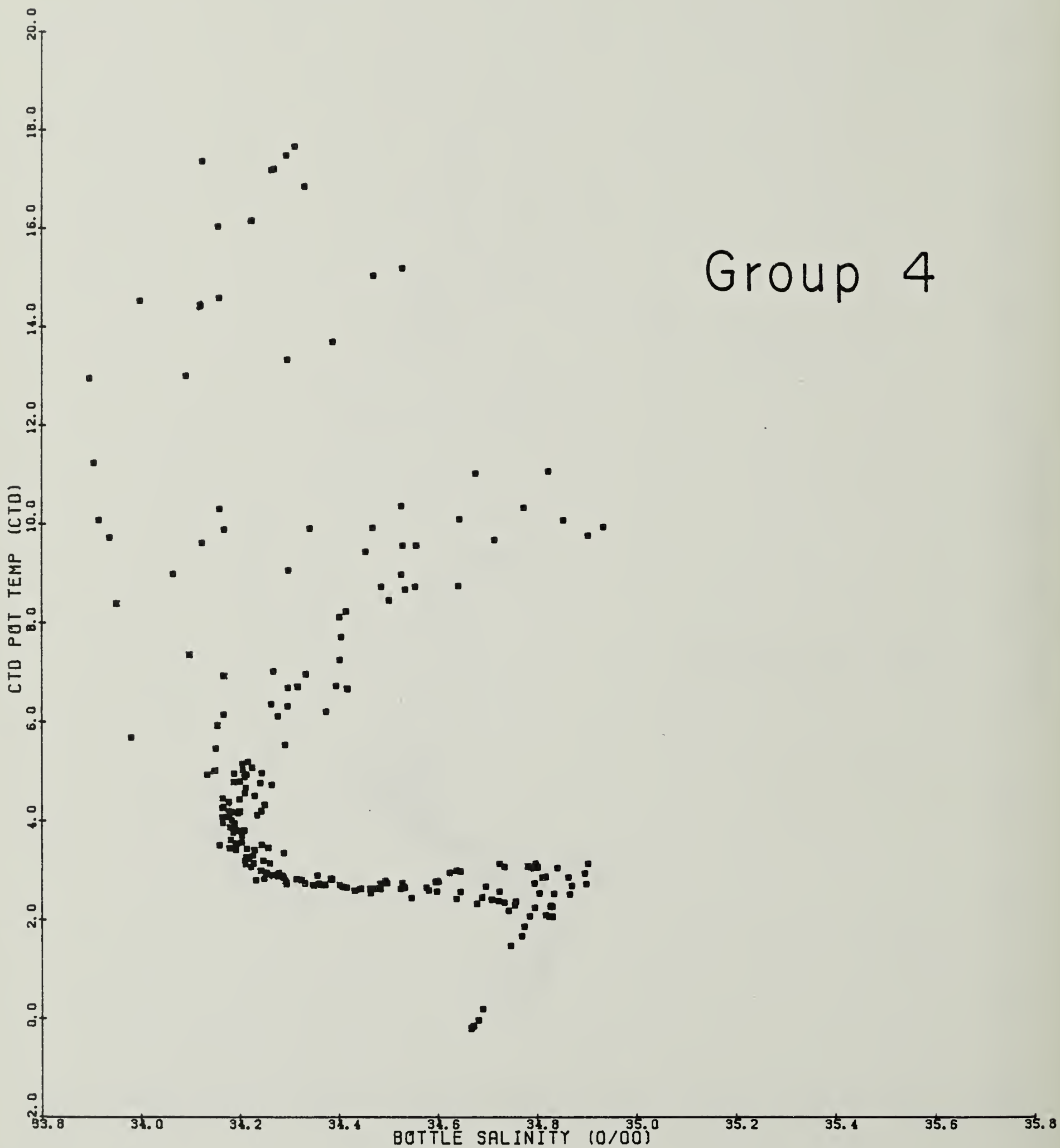




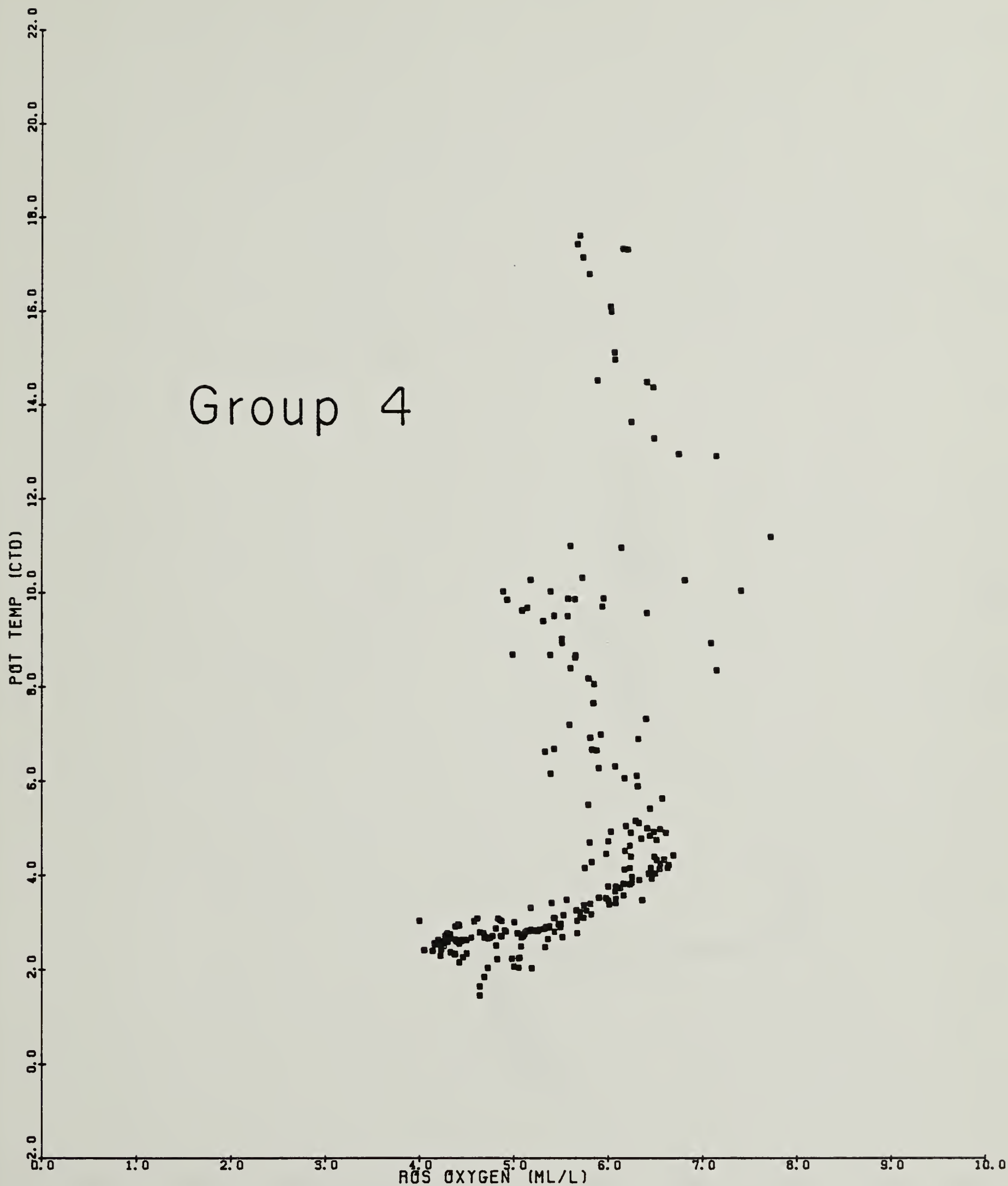
Group 3



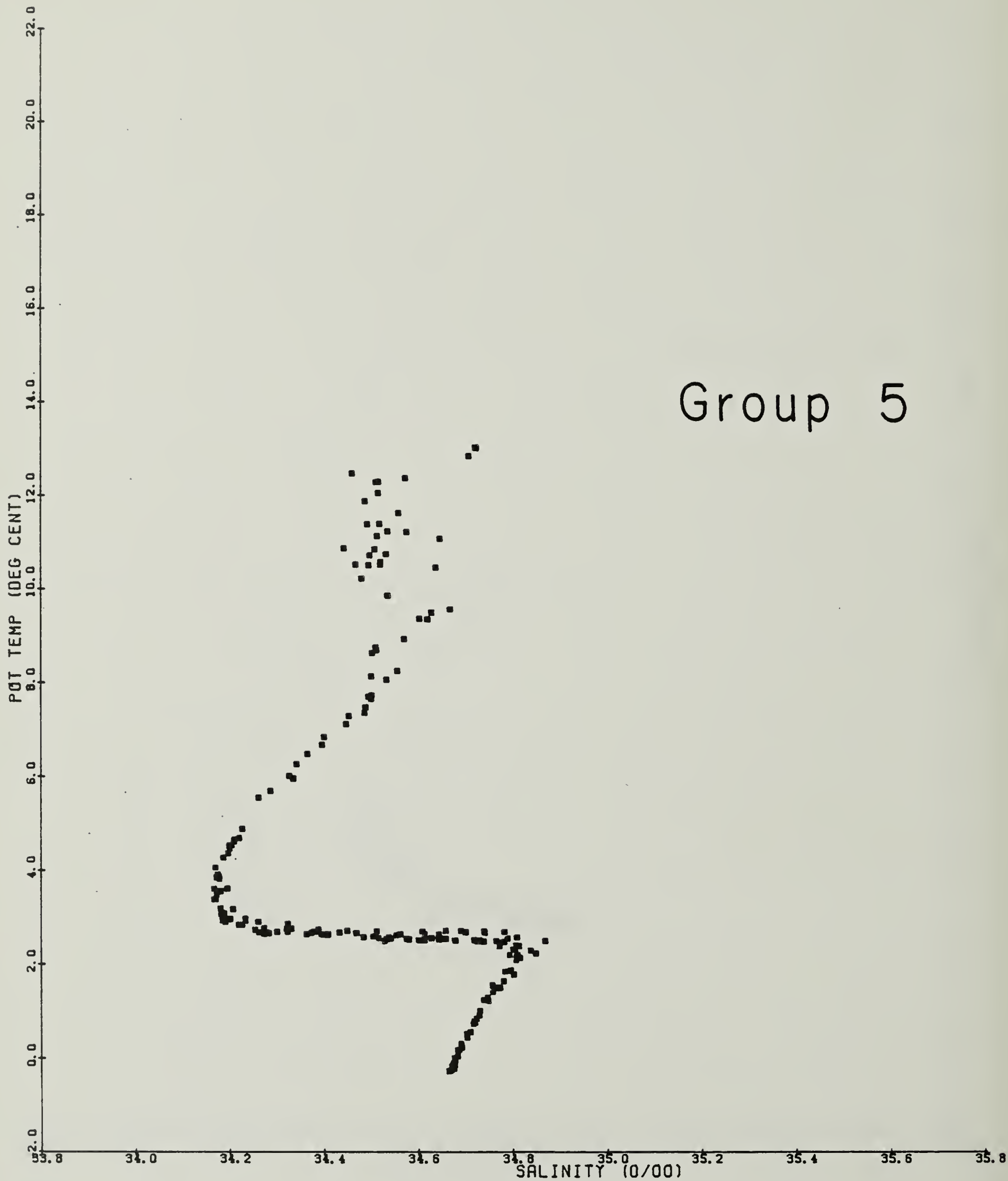
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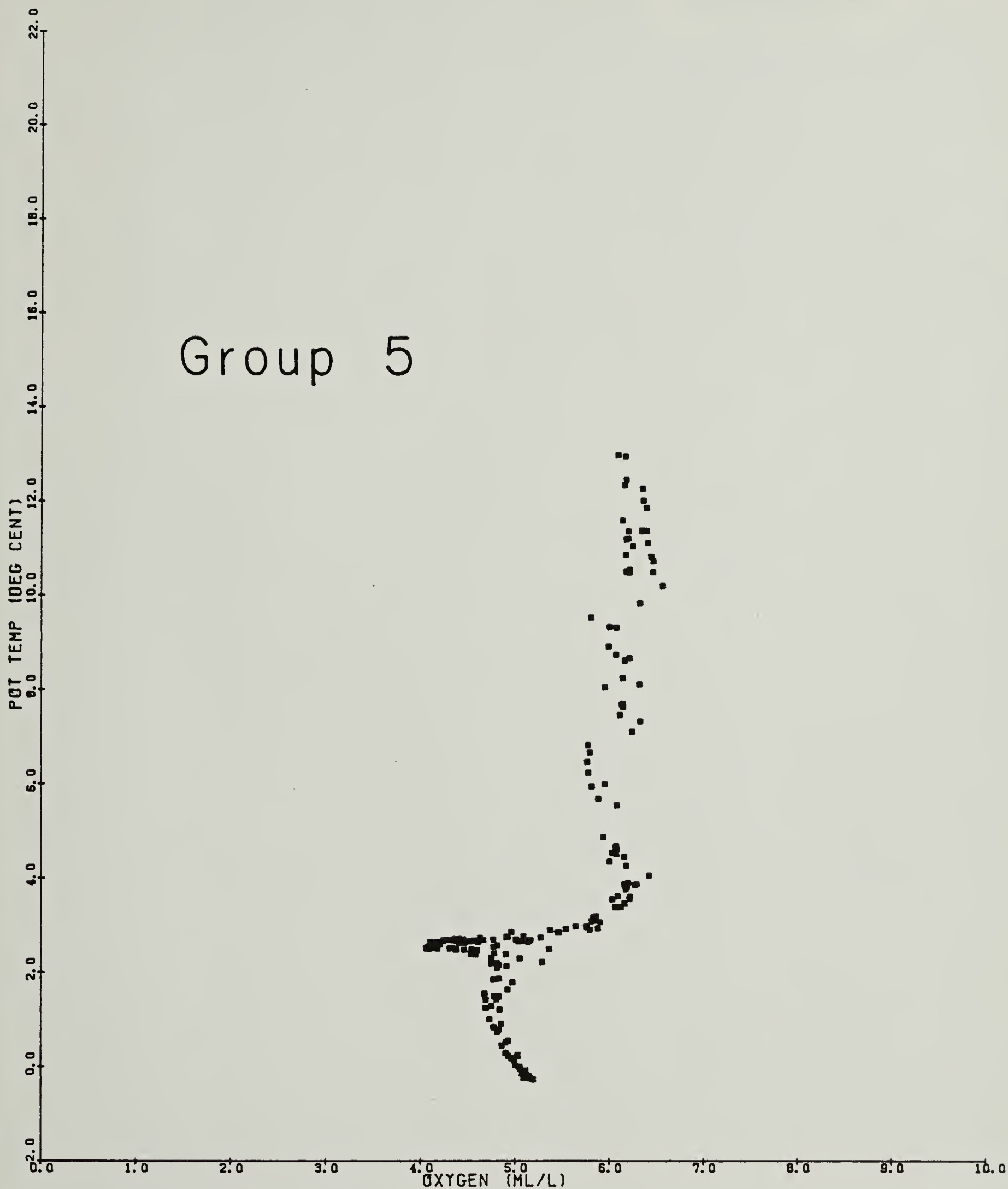
Group 4



Group 5

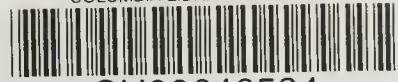


Group 5





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